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Lancaster Farming

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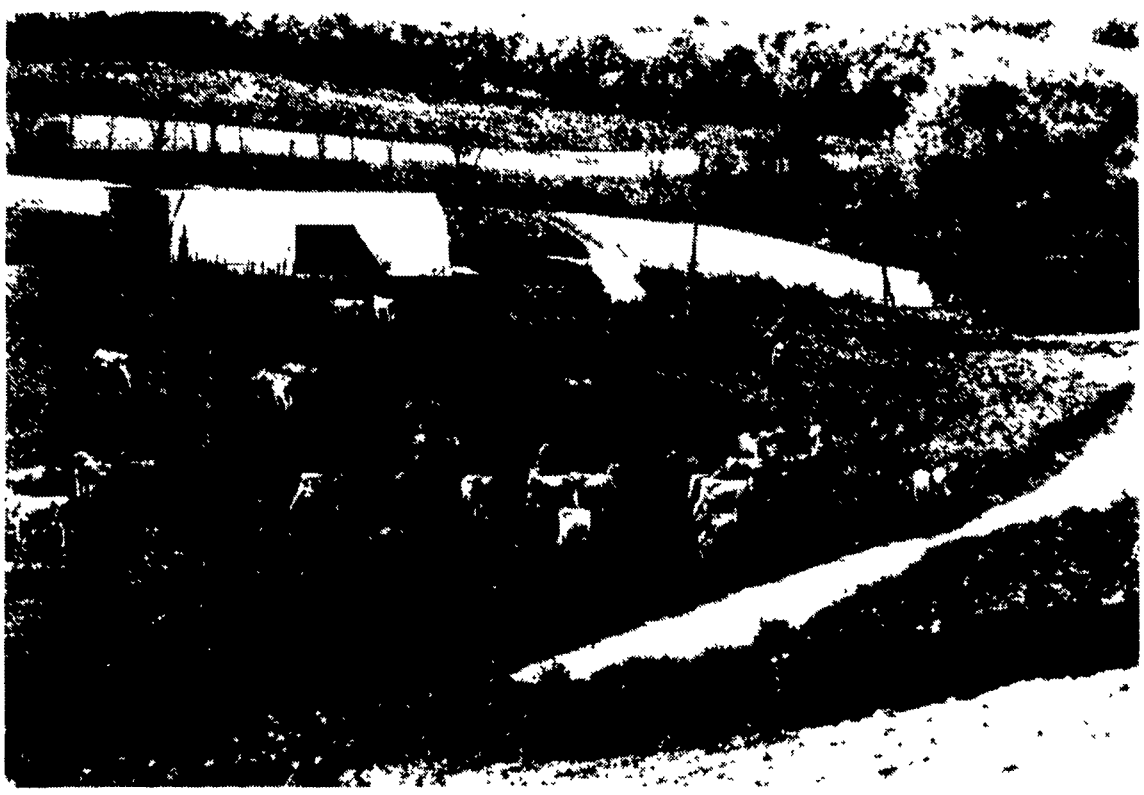

This is a scenic view of the 100 percent Guernsey herd at Elsview Farms.

Western Pa. Guernsey Farms Prep For National Attention

BY BETH NESBIT
Indiana Co. Correspondent

May 22 through May 25, Memorial Day weekend, is the weekend for Guernsey breeders. On these dates the American Guernsey Cattle Club will hold its national convention at the Sheraton Inn, Pittsburgh.

Those attending the convention will have the opportunity to visit three Washington County Guernsey farms on Sunday, May 24.

The first stop will be at Elsview Farms operated by Jean Celestine and her stepson, Jim. Guernsey breeders will quickly forget that they are in Pittsburgh as they travel up the shaded driveway. It is on this farm that a 100 percent Guernsey herd has been maintained for over 50 years.

The Celestine family has been actively participating in Guernsey activities for the past three generations, in one manner or another. At the present time the farm is owned and operated by A. James (Jim) Celestine, the son of A.J. Celestine, the herd's founder.

A.J. died suddenly from a heart attack last November. In his will, he left the entire farm to his son. Jim, in his mid-30s, is A.J.'s only child from a previous marriage. A.J.'s first wife died. Jim now does all of the field work, leaving the book work and management to Jean and the care of the cows to herdsmen George Rabickow and his son, Robert.

Jean notes that Robert is in charge of their breeding program.

By milking 53 homebred Guernseys in a 60-cow comfort stall barn, the Celestines have been able to achieve national class leader records as well as being one of the top five herds in the county. Feeding rations which use corn silage, ear corn, oats, soybeans and minerals according to production the Celestines have been able to achieve a rolling herd average of 14,448 pounds of milk

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More For Less: Hormone Builds Better Pigs On Less Feed

BY JACK HUBLEY

UNIVERSITY PARK — Suppose you're a hog producer. And suppose your fairy god mother appeared before you one night in the farrowing house.

"You've been a good hog producer, Arnold," she says with a benevolent smile. "You're weaning at four weeks of age, averaging 20 pigs per sow annually and turning out a pound of pork for less than 40 cents. For this I grant you three wishes."

Being totally committed to your profession, you forego the condo in Key West and four-dollar corn Instead you request

1 Faster rate of gain

2 Larger loin eyes and less backfat

3 No bothersome drug residues

Just to show you what a magnanimous soul she is, FGM throws in a fourth: greater feed efficiency.

We all know, of course, that our fairy god mother is too good to be true; unless her name is somatotropin. Contained in those five syllables is a protein hormone secreted by the pituitary gland that may grant producers all the above wishes in the not-too-distant future, according to Dr. Ronald Kensinger, an assistant professor of animal nutrition and physiology at Penn State

Somatotropin (ST) does this by stimulating the production of Insulin-Like Growth Factor (IGF-1) in the liver, which in turn stimulates muscle protein synthesis At the same time, ST slows the rate of fat synthesis and adipose tissue, which means there's more energy available in the bloodstream for muscle growth.

Penn State animal scientist Dr.Terry Etherton demonstrated ST's dramatic effect on growth rate in pigs in 1982. According to an article in a recent issue of Penn State Agriculture magazine, in Penn State experiments ST increased the growth rate in pigs by 16 percent while decreasing carcass fat by 70 percent.

Incredibly, the hormone accomplishes all this on less feed. Kensinger relates more research findings that bear this out Beginning at a weight of 160 pounds, pigs were injected daily for 35 days The pigs gained one pound for every 2 4 pounds of feed consumed, while pigs in an untreated control group needed 2 9 pounds of feed for the same weight gain "That means you're saving about half a pound of feed for every pound of live animal gained," Kensinger points out. Based on results like this, experts estimate ST could save the swine industry $2 billion to $6 billion annually in feed costs.

Research by Cornell's Department of Animal Science corroborates the Penn State findings and shows how varying the dosage of ST can affect average daily gain, feed efficiency and fat content differentially.

Associate professor Dean Boyd, the project's principal investigator, injected pigs with four

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Ag Leader Gives Points For Good Farm Business

(Continued From Last Week)

BY EVERETT NEWSWANGER
Managing Editor

Editor's Note: Last week we reported the views of several agricultural leaders who spoke to the farm press at the spring conference of the the Northeast Farm Communicators Association in Lancaster. Here the report continues with excerpts from two more of the presentations.

Richard Denison, general manager of Member Service Corp., Pennsylvania Farmers' Association, reports on statistics from the financial management program of PFA And Raymond Johnson, a New York dairy farmer who heads the American Dairy Association and Dairy Council and is a member of the National Dairy Board, reports on the national and local milk promotional programs.

Here is what these farm leaders had to say.

Denison pulled from the information gathered in the Pennsylvania Farmers' Association's record-keeping systems to show that, contrary to the public press, not all farmers are going to fail In fact, one third of farmers have little or no debt and another third have manageable debt Of course, one third of the farmers have two thirds of the debt And that is where the trouble begins

In Pennsylvania 18 percent of the farm families are in serious difficulty," according to Denison "Probably eight percent of these farmers are not going to make it," he said "One of the reasons given for failure is not being aware of debt load per cow or production unit We need to know how much debt that cow must carry and then

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Northeast BVD Outbreak Contained

BY MARTHA J. GEHRINGER

An outbreak of Bovine Virus Diarrhea in Northeast Pennsylvania has run its course after inflicting losses greater than $200,000

Three dairy herds near the Bradford, Wyoming and Susquehanna county lines have received definite diagnosis of the disease and several other herds are suspected of having the virus, said Dale Bennett, Laceyville, the owner of one of the positive testing herds.

In these three herds, losses were estimated at $200,000 by Arden Tewkbury, Pennsylvania Farmers Union representative The loss resulted from depressed and lost milk production, dead animals, and increased veterinarian bill Daily milk pickup dropped from 8 000 pounds to 3,000 pounds, Tewksbury noted.

Bennett said he lost seven cows and 14 newborns to the disease. Tewksbury estimated the disease accounted for a 10 percent mortality rate in the positively diagnosed herds

It is uncertain how the virus traveled to the infected farms Tewksbury noted the three farms are not close. The farms lie in a 10-mile radius from each other "There is no rhyme or reason for the outbreaks," Tewksbury said

Dr Donn Laudermilch of the Rome Veterinary Center has been working closely with two of the positive herds. He noted that a variety of businesses serve both herds and could have unwittingly acted as the vector

Dr Larry Hutchinson, Penn State Extension veterinarian, noted that if BVD is present in an area and a farmer has a closed herd, it is still possible for the herd to contract the virus "We not sure of how it enters herds," he said

Laudermilch said the herds were identified as BVD herds through a positive virus isolation

Researchers at Cornell University, who performed the test, said the strains were similar in both herds However,

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Chester Co. To Host Balloon Lift For Farmers

BY EVERETT NEWSWANGER
Managing Editor

DOWNINGTOWN — In Chester County tomorrow afternoon, five to 10 colorful, hot-air balloons are scheduled to go up, up and away as part of the Nationwide Great Balloon Lift For Farmers Roger Wayne, pilot for Lollipop Balloon, Inc , and coordinator of this county event, said the fly-in is designed to honor and to say a massive unique thank you to farmers all across the country Farmers allow these balloons to ascend from and return to mother earth on their farms, and the balloonists appreciate it

At the same time, the balloonist will donate the $75 passenger fee for farm relief Liftoff time is between 4 p m and 6 p.m from the

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Livestock market and auction news

Lancaster Livestock Auction

Lancaster, Pa.
Monday, May 11, 1987

	Cattle	Calves	Hogs	Sheep	Goats
Today	1601	117	345	669	370
Wk Ago	2071	83	563	339	340
Yr Ago	1791	136	617	325	326

CATTLE SLAUGHTER STEERS STEADY, INSTANCES 50 HIGHER, SLAUGHTER HEIFERS STEADY, COWS FULLY STEADY, BULLOCKS 50-1 00 HIGHER, BULLS 2 00-3 00 HIGHER SUPPLY INCLUDED 79% SLAUGHTER STEERS, 9% HEIFERS, 4% COWS, AND 8% BULLS

SLAUGHTER STEERS HIGH CHOICE AND PRIME 2-4 1150-1535 LB 73 25-75 10, FEW 75 25-75.60; 15 HEAD LOT PRIME 2-4 1235-1385 LB 76 25-77 10, CHOICE 2-3 FEW 4 1100-1450 LB 70 00-73 35, COUPLE LOTS 73 85, FEW CHOICE 2 1000-1100 LB 69 75-72 00, HIGH GOOD AND LOW CHOICE 2-3 1100-1325 LB 67 50-70 00; FEW GOOD 2-3 1050-1275 LB 63 50-66 00, FEW CHOICE AND PRIME 1475-1550 LB HOLSTEINS 59 50-61 00, CHOICE 1200-1450 LB 58 00-61 00, FEW STANDARD AND LOW GOOD 53 25-58 00

SLAUGHTER HEIFERS CHOICE 2-3 1000-1250 LB 65 75-69 50, 950-1000 LB 63 50-66 00, FEW CHOICE 2 1150-1225 LB 70 25-71 00, GOOD 2-3 950-1150 LB 55 75-63 50

COWS BREAKING UTILITY AND COMMERCIAL 2-4 46 50-51 25, CUTTER AND BONING UTILITY 1-3 44 00-48 25, FEW 49 25-51 25, SMALL SUPPLY CANNER AND LOW CUTTER 41 00-43 50

BULLOCKS CHOICE 2 3 1100-1350 LB 56 50-60 50, COUPLE 61 00-62 75, GOOD 1-2 1050-1275 LB 55 00-57 50

BULLS YIELD GRADE 1 1250-2000 LB 57 00-61 25, FEW 61 50-62 25, COUPLE 1855-1870 LB 65 50-66 00, YIELD GRADE 2 1050-1450 LB 54 00-57 50, FEW 950-1050 LB 50 75-54 00

VEAL CALVES VEALERS UNEVEN, CHOICE AND PRIME STEADY INSTANCES 5 00 HIGHER, HIGH GOOD AND LOW CHOICE STEADY ALTHOUGH 80-110 LB WEAK TO 5 00 LOWER, CHOICE SLAUGHTER CALVES FIRM TO 5 00 HIGHER INSTANCES 10 00 HIGHER, GOOD MOSTLY STEADY DEMAND FAIR FOR HOLSTEIN BULLS AND HEIFERS TO RETURN TO FARM

VEALERS HIGH CHOICE AND PRIME 365-425 LB 110 00-120 00, CHOICE 160-350 LB 85 00-100 00, FEW 100 00-105 00, HIGH GOOD AND LOW CHOICE 120-350 LB 75 00-95 00, 80-110 LB 65 00-85 00 FEW STANDARD 65-100 LB 55 00-65 00

SLAUGHTER CALVES CHOICE 180-550 LB 70 00-90 00, GOOD 180-500 LB 55 00- 65 00 FEW 65 00-70 00

RETURNED TO FARM BULK 95-125 LB HOLSTEIN BULLS 100 00-115 00 FEW 95- 120 LB HOLSTEIN HEIFERS 100 00-110 00

HOGS COMPARED TO LAST WEDNESDAY BARROWS AND GILTS 2 50-3 50 HIGHER, SOWS STEADY INSTANCES 1 50 HIGHER

BARROWS AND GILTS US 1 2 210-250 LB 57 50-58 50, 200-210 LB 57 00-58 00 US 1 210-245 LB 59 00-60 00 US 1 3 220-255 LB 57 00-57 50 US 2 3 220-270 LB 56 00-57 00 FEW 270-280 LB 49 00-54 00

SOWS US 1-3 300-650 LB 42 00-47 00

SHEEP SLAUGHTER LAMBS MOSTLY STEADY, SLAUGHTER EWES STEADY

SPRING LAMBS CHOICE AND PRIME 80-110 LB 95 00-98 00, FEW HEAD 100 00-101 00 CHOICE 50-80 LB 90 00-110 00, 30-50 LB 100 00-125 00, FEW GOOD 75-105 LB 90 00-93 00

WOOLED LAMBS GOOD TO MOSTLY CHOICE 60-110 LB 85 00-93 00

SLAUGHTER EWES UTILITY AND GOOD 25 00-38 00

GOATS ALL GOATS SOLD BY THE HEAD LARGE FLESHY 50 00-75 00 COUPLE 75 00-85 00 THIN 40 00-50 00, MEDIUM FLESHY 40 00-50 00, THIN 35 00- 40 00, SMALL FLESHY 25 00-35 00 THIN 20 00-35 00

Vintage Livestock Auction

Lancaster, Pa.
Tuesday, May 12, 1987

	Cattle	Calves	Sheep	Goats
Today	858	544	14	4
Wk Ago	908	579	21	0
Yr Ago	1409	679	23	4

CATTLE. SLAUGHTER STEERS 50-1 00 HIGHER; SLAUGHTER HEIFERS STEADY; COWS FULLY STEADY, BULLS 1 00-1 50 LOWER SUPPLY INCLUDED 61 PERCENT SLAUGHTER STEERS, 8 PERCENT SLAUGHTER HEIFERS, 27 PERCENT COWS, WITH THE BALANCE MAINLY BULLS

SLAUGHTER STEERS FEW HIGH CHOICE AND PRIME 2-4 1150-1425 LB 74 75- 77 25, FOUR HEAD 1300-1535 LB 78 50-80.00, GOOD AND CHOICE 1-2 1125-1375 LB 75 75-77 25, CHOICE 2-3 FEW 4 1100-1460 LB 71 50-75 10, HIGH GOOD AND LOW CHOICE 2-3 1100-1350 LB 68 75-71.25

SLAUGHTER HEIFERS COUPLE CHOICE AND PRIME 2-3 1190-1250 LB 72 00-74 25, FEW CHOICE 2-3 1030-1150 LB 64 00-66 50, GOOD AND CHOICE 1150-1400 LB HOLSTEINS 51 00-57 00

COWS BREAKING UTILITY AND COMMERCIAL 2-4 46 00-49.75, FEW 50 00-52 25, CUTTER AND BONING UTILITY 1-3 44 50-49 25, FEW 50 00-52 75, CANNER AND LOW CUTTER 41 00-45 50

BULLS YIELD GRADE 1 1450-2225 LB 56.00-59 00, INDIVIDUAL 1495 LB 60 00, YIELD GRADE 2 940-1800 LB 52 75-55 00

VEAL CALVES VEALERS FULLY STEADY SUPPLY INCLUDED 416 IN GRADED SALE OF WHICH 86 PERCENT SOLD TO RETURN TO FARM

VEALERS FEW CHOICE 280-340 LB 92 00-100 00, HIGH GOOD AND LOW CHOICE 75-140 LB 79 00-90 00, STANDARD 60-80 LB 61 00-72 00

RETURNED TO FARM 185 HEAD 100-125 LB HOLSTEIN BULLS 123 00-126 00, 20 HEAD 90-95 LB 102 00, 75 HEAD SMALL FRAME 85-120 LB 85 00-99 00 40 HEAD 100-115 LB HOLSTEIN HEIFERS 100 00-110 00, 20 HEAD 90-95 LB 95 00, 20 HEAD SMALL FRAME 80-110 LB 83 00-95 00

SHEEP INSUFFICIENT VOLUME FOR A MARKET TEST, FEW CHOICE 30-85 LB SPRING LAMBS 93 00-103 00

GOATS ALL GOATS SOLD BY THE HEAD FEW MEDIUM 28 00-32 00

North Jersey Livestock

Hackettstown, NJ
Tuesday, May 12, 1987
Report supplied by auction

Calves- 40.00-135.00.
Cows 36.75-53.25.
Easy Cows 29.50-42.25.
Heifers 40.00-51.00.
Bulls 48.25-61.25.
Steers 50.50-64.25.
Hogs 32.00-54.00.
Roasting Pigs, each 16.00-36.00.
Boars 30.00-50.00.
Sows 30.00-40.00.
Sheep .05-.75.
Lambs, each 34.00-75.00.
Lambs, per lb. .20-1.19.
Goats, each 30.00-77.00.
Kids, each 5.00-44.00.
Hides, each 1.00-5.00.
Total 1449.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, May 13, 1987

	Cattle	Calves	Hogs	Sheep	Goats
Today	354	4	319	0	0
Wk Ago	388	10	329	0	0
Yr Ago	367	6	277	0	0

CATTLE SLAUGHTER STEERS 25-50 LOWER, INSTANCES 1 00 LOWER, SLAUGHTER HEIFERS STEADY, COWS STEADY TO WEAK, BULLS NOT FULLY TESTED SUPPLY INCLUDED 85% SLAUGHTER STEERS

SLAUGHTER STEERS HIGH CHOICE AND PRIME 3-4 1200-1525 LB 74 00-77 00, FEW MOSTLY 4 FEW 5 1425-1525 LB 72 25-74.25, CHOICE 2-3 FEW 4 1150-1420 LB 71 00-74 25, FEW 1050-1150 LB 69 75-72 25, WITH AROUND 20 HEAD MOSTLY CHOICE 1010-1150 LB RETURNED TO FEED AT 68 50-69 60, HIGH GOOD AND LOW CHOICE 2-3 1050-1375 LB 67 00-70 00; FEW GOOD AND CHOICE 1275-1585 LB HOLSTEINS 58.00-62.00

SLAUGHTER HEIFERS FEW CHOICE 2-3 990-1205 LB 67 00-71 00, ONE LOT 757 LB 61 00

COWS BREAKING UTILITY AND COMMERCIAL 2-4 45 75-49 00, COUPLE 51 25, CUTTER AND BONING UTILITY 1-3 44 00-47 50, CANNER AND LOW CUTTER 41 00- 43 50, FEW 39 00-40 00

BULLS COUPLE YIELD GRADE 1 1345-2385 LB 55 25-56 00, COUPLE YIELD GRADE 2 840-1700 LB 52 00-53 75

VEAL CALVES INSUFFICIENT VOLUME FOR A MARKET TEST

HOGS BARROWS AND GILTS STEADY TO 25 HIGHER, SOWS FIRM, INSTANCES 1 00 HIGHER

BARROWS AND GILTS US 1-2 210-245 LB 57 75-58 75 US 1 210-240 LB 59 00-60 00 US 1 3 200-250 LB 57 00-57 75 US 2 3 FEW 220-255 LB 56 00-57 00

SOWS US 1 3 300-650 LB 43 00-47 25

SHEEP NO MARKET TEST

GOATS NO MARKET TEST

Oklahoma Cattle

Thursday, May 14, 1987

WEEKLY CATTLE SUMMARY FEEDER STEERS UNDER 625# AND HEIFERS UNDER 525# STEADY TO FIRM, SELLING TO GOOD DEMAND HEAVIER WEIGHT STEERS AND HEIFERS 1 00-2 00 LOWER, WITH LATE DEMAND LIGHT THESE HEAVIER CATTLE FORMING BULK OF SUPPLY SLAUGHTER COWS STEADY TO 1 00 LOWER SLAUGHTER BULLS 1 00-2 00 HIGHER RECEIPTS THIS WEEK 25 092 HEAD LAST WEEK'S COUNT 23 704, LAST YEARS NUMBER 29 691 FEEDER STEERS AND HEIFERS 96% OF RUN, COWS AND BULLS 4% FOLLOWING QUOTES ARE BULK PRICE LEVELS DURING LATTER HALF OF THE TRADING WEEK

MEDIUM AND LARGE FRAME 1

FEEDER STEERS FEEDER HEIFERS 350-500#
83 00-91 00 350-400# 75 50-80 00 400-500#
72 00-77 75 500-600# 75 00-82 00 500-600#
68 20-72 20 600-650# 72 25-77 40 650-700#
69 25-74 15 600-700# 63 90-68 40 700-750#
67 25 71 70 750-800# 66 80-69 20 700-800#
62 95-67 40 800-900# 66 80-68 50 800-900#
62 60-66 35 900-1000# 65 60-67 80

SLAUGHTER COWS UTILITY AND COMMERCIAL 1 5 40 90-45 00 CUTTER 1 2 39 00-44 00 CANNER & LOW DRESSING .CUTTER 36 75-40 50

SLAUGHTER BULLS Y G 1 1050-1500# 48 00-53 00 1500-2100# 53 00-57 00 VERY HIGH BONING TO 59 10

New Holland Livestock

New Holland, Pa.
Thursday, May 14

CATTLE: 1931. Slaughter steers steady; slaughter heifers fully steady; cows firm to 1.00 higher; bullocks steady; bulls fully steady. Supply included 74 percent slaughter steers and 18 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1175-1600 lb. 72.50-75.25, couple 75.50-76.25; five head 1680-1705 lb. 73.50-74.85; Couple lots Choice 2 1200-1250 lb. 74.00-75.00; Choice 2-3 few 4 1150-1500 lb. 70.50-73.75, mainly 71.25-73.50; Choice 2-3 975-1150 lb. 69.75-72.25; high Good and low Choice 2-3 1020-1475 lb. 67.50-70.50; few Good 2-3 66.00-68.00; Choice and Prime 1250-1485 lb. Holsteins 62.00-66.85; Good to mostly Choice 1175-1450 lb. 56.00-60.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1200 lb. 68.00-70.50, couple Choice and Prime 2-3 1100-1150 lb. 73.00-75.00; Good 2-3 925-1100 lb. 61.50-66.50.

COWS: Breaking Utility and Commercial 2-4 46.75-49.75, few 50.00-53.00; Cutter and boning Utility 1-3 44.25-49.75, several 50.00-52.00; Canner and low Cutter 41.00-45.40.

BULLOCKS: Few Choice 2-3 1150-1350 lb. 59.00-62.50; Good 1-2 1050-1275 lb. 53.50-57.50.

BULLS: Yield grade 1 1350-2000 lb. 55.00-59.50, five head 1875-2330 lb. 59.85-61.00; yield grade 2 1050-1500 lb. 53.00-55.50, few 50.00-53.00.

VEAL CALVES: 503. Vealers fully steady, instances 5.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 180-350 lb. 88.00-100.00, few high Choice and Prime 100.00-106.00; few Choice 170-210 lb. 105.00-117.00; high Good and low Choice 140-250 lb. 73.00-99.00, 80-120 lb. 80.00-92.00; Standard 60-90 lb. 72.00-80.00.

SLAUGHTER CALVES: Few Choice 315-500 lb. 72.00-80.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 110.00-135.00, few 135.00-138.00; several small frame 90-115 lb. 88.00-110.00.

SHEEP: 103. Spring lambs and slaughter ewes steady.

SPRING LAMBS: Choice 85-110 lb. 85.00-95.00, 40-65 lb. 90.00-102.00, couple 30 lb. 122.00-126.00.

SLAUGHTER EWES: Utility and Good 26.00-36.00, few 36.00-46.00.

GOATS: 76. All goats sold by the head, Large 53.00-60.00, few 68.00-76.00; Medium 32.00-48.00, Small 22.00-32.00, few thin 14.00-20.00.

Lancaster County Weekly

Friday, May 15, 1987

	Cattle	Calves
This Week	5400	1170
Last Week	5279	1068
Last Year	6602	1291

CATTLE: SLAUGHTER STEERS FIRM TO 50 HIGHER, AFTER BEING AS MUCH AS 1.50 HIGHER IN EARLY PART OF WEEK, SLAUGHTER HEIFERS FULLY STEADY; COWS 50 TO MOSTLY 1.00 HIGHER; BULLOCKS 50-1.00 HIGHER; BULLS FIRM TO 1.00 HIGHER. SUPPLY INCLUDED 65 PERCENT SLAUGHTER STEERS, 5 PERCENT SLAUGHTE HEIFERS, 13 PERCENT COWS, 4 PERCENT BULLS WITH BALANCE FEEDERS.

SLAUGHTER STEERS· HIGH CHOICE AND PRIME 2-4 1150-1600 LB 72.50-75.50, SEVERAL EARLY PART OF WEEK 76.00-77.25; FEW GOOD AND CHOICE 1-2 1125-1375 LB 75 00-77.25; CHOICE 2-3, FEW 4 1150-1500 LB 70 50- 75.00, MAINLY 71 25-73.75, CHOICE 2-3 975-1150 LB 69 75-72 50; HIGH GOOD AND LOW CHOICE 2-3 1020-1450 LB 67.00-71 00; FEW GOOD 2-3 63.00-68.00; CHOICE AND PRIME 1250-1550 LB HOLSTEINS 60 50-66 85; GOOD TO MOSTLY CHOICE 1200-1585 LB 58.00-61 00, STANDARD TO LOW GOOD 53 25-58 00

SLAUGHTER HEIFERS. CHOICE 2-3 1000-1250 LB 65 50-70 50, FEW HIGH CHOICE AND PRIME 2-3 70.50-75.00; CHOICE 2-3 950-1000 LB 63 50-66 50; FEW GOOD 2-3 950-1150 LB 55.75-63 50; GOOD AND CHOICE 1150- 1400 LB HOLSTEINS 51 00-57.00

COWS BREAKING UTILITY AND COMMERCIAL 2-4 46 50-50 00, FEW 50.00-53 00, CUTTER AND BONING UTILITY 1-3 44 25-49 75, SEVERAL 50 00-52 75; CANNER AND LOW CUTTER 40 50-45 50

BULLOCKS CHOICE 2-3 1100-1350 LB 56 50-60.50, FEW 60 50-62 75, GOOD 1-2 1050-1275 LB 53 50-57.50

BULLS YIELD GRADE 1 1350-2330 LB 55 00-60 00, SEVERAL 60 00-62 25, COUPLE 1855-1870 LB 65 50-66 00, YIELD GRADE 2 1050-1450 LB 53 00- 57 50, FEW 950-1050 LB 50 00-54 00

VEAL CALVES VEALERS FIRM TO 5 00 HIGHER; SLAUGHTER CALVES FIRM TO 5 00 HIGHER, INSTANCES 10 00 HIGHER DEMAND GOOD FOR HOLSEIN BULLS TO RETURN TO FARM

VEALERS HIGH CHOICE AND PRIME 365-425 LB 105 00-120 00, CHOICE 160-350 LB 85 00-105 00, FEW 160-210 LB 105 00-117 00, HIGH GOOD AND LOW CHOICE 120-350 LB 73 00-99 00, 80-110 LB 79 00-92 00, STANDARD 65-100 LB 60 00-80 00

SLAUGHTER CALVES CHOICE 180-550 LB 70 00-90 00, GOOD 180-500 LB 55 00- 65 00, FEW 65 00-70 00

RETURNED TO FARM BULK 95-125 LB HOLSTEIN BULLS 100 00-135 00, FEW 135 00-138 00, SEVERAL SMALL FRAME 90-120 LB 85 00-110 00, FEW 90-120 LB HOLSTEIN HEIFERS 95 00-110 00

New York State Livestock

Thursday, May 14, 1987

CATTLE CALVES HOGS SHEEP & LAMBS DAIRY
THURSDAY, 5 14 702 781 57 22 263
LAST THURSDAY, 5 7 501 629 41 23 170
YEAR AGO, 5-15 560 750 60 40 241

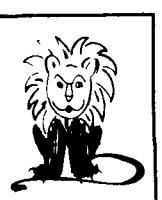
SLAUGHTER CATTLE DEMAND MODERATE TO GOOD COMPARED TO WEDNESDAY COWS STEADY TO 1 00 LOWER STEERS GOOD & CHOICE 2 975 1200 LB 60 25 67 75, STANDARD 1 2 1025 1225 LB 53 50-55 25 HEIFERS GOOD 2 3 900-1100 LB 51 50-55 25 STANDARD 1 2 HOLSTEINS BOP 500-700 LB 35 50-44 75 COWS BREAKING UTILITY & COMMERCIAL 2 3 46 00-50 50 FEW UP TO 52 00 BONING UTILITY 1 3 45 00-50 00, CUTTER 1 2 40 00-45 00 CANNER & LOW CUTTER 1 2 37 00-42 50 BULLS YIELD GRADE 1 1025 2200 LB 50 25 59 00 4 HEAD 60 00-61 75 LOW DRESSING 1025 1225 LB 48 00-50 75

SLAUGHTER CALVES & VEALERS DEMAND GOOD VEALERS 3 00-10 00 HIGHER VEALERS HIGH CHOICE & PRIME 170-330 LB 105 00-115 00, CHOICE 165-345 LB 80 00-105 00 FEW GOOD 185 240 LB 75 00-79 50 GOOD & CHOICE 90-110 LB 73 50-85 50 CENTRAL AREA 65 00-70 00 70-90 LB 71 00-80 00 CENTRAL AREA 60 00-65 00 60-70 LB 63 00-74 50

CALVES RETURNED TO FEED 50% HOLSTEIN HEIFERS 85 115 LB 76 00-120 00 HOLSTEIN BULLS 80-95 LB 78 00-114 00 90-125 LB 78 00-152 00 MOSTLY 107 00-134 00

FEEDER CATTLE STEERS MEDIUM LARGE NO 2 525-600 LB 59 00-63 00

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS



I'M NOT LION... The Classified Livestock Section Has Beastly Selections!

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RON RANCK
Ph (717) 656-9849

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LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9 00 A M —Slaughter Bulls, Heifers, Steers, Cows
10 00 A M —Goats Veal Calves Lambs
12 Noon —Slaughter Hogs

WEDNESDAY
8 00 A M —Slaughter Hogs
10 00 A M —Slaughter Bulls Heifers, Steers Cows
11 00 A M —Veal Calves, Lambs

FRIDAY
11 00 A M —Stocker and Feeder Cattle

SATURDAY
8 00 A M —Slaughter Hogs

NO HOG AUCTION SATURDAY, MAY 23
Next Graded Feeder Cattle Sale
Thurs CANCELLED 0 A.M.
Fri., May 29 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more

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Flea Market Auction every Tuesday at 12 30. Tools, Eggs, Produce, etc
Buyers & Sellers Welcome

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Sat., May 9, 1987
Report supplied by auction

694 head.

US #1 210-250 lbs., 57.00-58.50, 6 head 59.25-60.00; US #1&2 200-260 lbs., 56.00-56.75; US #1&3 215-245 lbs. 55.00-55.75; US 2&4 200-255 lbs. 54.00-54.75.

Sows: 295-350 lbs. 45.00-49.00; 350-600 lbs. 42.00-47.00.

Boars: Under 300 lbs. 45.00-48.00; over 300 lbs. 38.00-39.75.

New Holland Hog Auction

Lancaster, Pa.
Tuesday, May 11, 1987

Hog Receipts
Today 973
Last Monday 846
Last Year 1055

TREND COMPARED TO LAST MONDAY BARROWS AND GILTS 50-75 HIGHER SUPPLY MAINLY US 1 3 210-250 LB

BARROWS AND GILTS US 1 2 210-245 LB 55 25-56 60

US 1 210-240 LB 57 00-59 00

US 1 3 200-255 LB 53 50-55 00 ONE LOT 290 LB 48 00

Joliet Hogs

Thursday, May 14, 1987

HOGS 300 TRADING MODERATE BARROWS & GILTS 50- 75 HIGHER

US 1-3 230-240# 56 00

US 2-3 280-290# 51 50-52 50

SOWS 1 00 LOWER

US 1 2 350-500# 44 00 US 1 3 500-600# 45 00

BOARS ALL WEIGHTS 40 00

ACTUAL LIVESTOCK RECEIPTS FOR WEDNESDAY, MAY 13

CATTLE NONE

HOGS 147

New Holland Feeder Pigs

Lancaster, Pa.
Wednesday, May 13, 1987

FEEDER PIGS
Today 1662
Last Wed 1082
Last Year 829

TREND COMPARED TO LAST WEDNESDAY FEEDER PIGS 10 00-14 00 LOWER, ALTHOUGH 50-60 LB ONLY WEAK TO 5 00 LOWER ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT

GRADE & HEAD WEIGHT PRICE US 1 2 72 24 29 148 00-173 00 164 30-39 138 00-148 00 429 40-49 126 00-140 00 177 50-59 120 00-131 00 130 60-69 106 00-118 00 26 76-81 84 00-102 00

US 2 3 46 28 29 142 00-148 00 36 36 126 00 126 40-49 117 00-120 00 80 53 54 115 00-116 00

North Jersey Market

Hackettstown, N.J.
Tuesday, May 12, 1987
Hay—Straw & Grain Report

Alfalfa 3.00 by bale; Mixed 1.75-2.50 by bale.

Total 5 Lots.

Vintage Hogs

Paradise, PA
Saturday, May 14, 1987
Report supplied by Auction

1's and 2's, 220-260 lbs., 54.50-56.50; Sows, 460-730 lbs., 44.00-46.00; Boars, 580-780 lbs., 35.50-36.75.

Carlisle Livestock

Graded Feeder Pig Sale
Carlisle, Pa.
Friday, May 8, 1987

Results on 1,441 pigs. TREND: Compared to April's State Graded Sale pigs were steady to 10.00 lower on heavier pigs. All pigs weighed on arrival and sold by the hundred weight.

US No. 1 &2's: 550 hd. 58 hd. 25-39 lbs. 137.50-160.00; 143 hd. 41-49 lbs. 127.50-137.00; 175 hd. 50-59 lbs. 108.00-127.00; 154 hd. 63-71 lbs. 88.00-97.00; 20 hd. 71-92 lbs. 76.00-85.00.

US No. 2's: 693 hd. 14 hd. 25-29 lbs. 125.00-137.60; 136 hd. 30-39 lbs. 113.00-149.00, mostly 137.50-149.00; 329 hd. 40-49 lbs. 100.00-131.00; 141 hd. 51-59 lbs. 99.00-112.00; 73 hd. 61-76 lbs. 90.00-103.00.

US No. 2 & 3's: 152 hd. 83 hd. 29-41 lbs. 98.00-129.00; 69 hd. 47-91 lbs. 77.00-106.00.

Late Cuts/No Grades: 8 hd. 40-75 lbs. 56.00-98.00.

Utilities: 22 hd. 28-44 lbs. 68.00-100.00.

As Is: 16 hd. 35-115 lbs. 50.00-65.00.

Next State Graded Feeder Pig Sale will be Friday, June 12th, 1:30 pm. (Grading 7:30 a.m. until 11:30 a.m.)

Peoria Hogs

Thursday, May 14, 1987

BARROWS AND GILTS OPENING FIRM TO MOSTLY

US 1 2 200-250 LBS 55 50-56 00 BULK 55 50

3 200-250 LBS 55 00-55 50

SOWS MOSTLY STEADY, INSTANCES 25 HIGHER 14%

US 1 2 350-500 LBS 46 50-47 25 1 3 500-650 LBS 46 00-46 50, FEW 47 00

Indianapolis Hogs

Thursday, May 14, 1987

HOGS 500

BARROWS & GILTS MODERATELY ACTIVE MOSTLY STEADY SUPPLY US 2 3 230-265 LBS

US 1-3 MOSTLY UNEVEN LOTS 230-250 LBS 55 50-55 75

SOWS MODERATELY ACTIVE WEAK TO 1 00 LOWER 10%

US 1-3 400-700 LBS 45 50-47 00

BOARS OVER 400 LBS 42 00

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, May 8 through Thursday, May 13)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
MAY	186½	192¼	187¼	185¾	189
JUL.	192¾	198½	192¼	191½	195½
SEPT.	195¼	202½	197	195½	200
DEC.	199¼	207¾	202¾	200¼	206
MAR 88	205½	214¼	209	207½	213½

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
MAY	305	319	319½	313	309
JUL.	294¼	307¼	305	302¼	301¾
SEPT.	296¾	309½	307	304¾	304
DEC.	302	315	310¾	311½	311
MAR 88	301½	315	311½	312½	311½

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
MAY	555½	569	558½	562½	575
JUL.	558½	578¼	564½	571¼	583½
AUG.	562	584½	568½	576	591½
SEPT.	556¾	583½	569½	578	595
NOV.	558	588	572½	585¼	603½
JAN 88	566¼	595	580¼	593½	611
MAR.	573½	603½	590	602½	622¾

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
MAY	166.00	173.50	169.20	172.00	177.00
JUL.	165.10	172.60	168.30	170.80	175.20
AUG.	165.10	172.50	169.00	171.70	176.20
SEPT.	165.20	173.50	169.70	172.00	177.70
OCT.	166.00	174.70	171.00	173.20	179.00
DEC.	167.30	176.50	172.20	175.70	181.20
JAN 88	169.00	177.70	174.00	178.00	183.50

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
JUN.	69.25	70.12	68.62	67.37	67.07
AUG.	63.50	64.12	62.62	61.25	61.25
OCT.	62.22	62.45	61.02	60.30	60.82
DEC.	62.87	63.05	61.95	61.45	62.12
FEB 88	62.85	63.02	61.75	61.50	62.12

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
JUN.	54.82	56.32	55.47	54.90	55.35
JUL.	51.45	52.95	51.65	51.15	51.47
AUG.	47.85	49.35	47.85	47.35	47.27
OCT.	42.47	43.95	42.82	42.50	42.85
DEC.	42.17	43.30	42.15	42.27	42.75
FEB 88	41.25	42.25	41.50	41.50	41.75

FARM BUREAU ACRES

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

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ACRES CORN UPDATE: Corn futures settled higher from 3-1/4 cents on the spot option to 6 cents on the March 1988 option following a brief sell-off linked to forecasts increasing the likelihood of rain across the midwest. Selling was prompted by a private firm's 6-10 day forecase for more rain, but this prediction was discounted before the close and the trade reinvested in the National Weather Service's 30-day forecast for above-normal temperatures. Bullish technical patterns fueled the upturn as well as spillover strength from the soybean pits. Declines in the PIK market rates prompted selling of July and limiting spot gains. May weakness was also linked to liquidation before last trading day.

Generic certificates are stronger at 102-104.25%.

ACRES SOYBEAN UPDATE: Soybean futures settled sharply higher again today, after making new contract highs from July forward in active volatile trading. Commercial selling, linked with the hedging of recent purchases of CCC beans drove futures to the day's lows, however large buying orders from major funds sent the prices higher and prompted short-covering. This is still primarily a weather related rally amid expectations for drier than normal weather to continue. Nearbys gained earlier on news Brazil had suspended May bean export registrations. Fears of increased farmer selling added pressure to nearbys.

ACRES HOG UPDATE: Live hog futures closed mostly higher today but off of daily highs fueled by light terminal receipts and light country movement. Advances had been powered by technical buying on speculation that the losses made in the last two days were overdone and of a temporary nature. Bellies were lower today, with the May closing limit down and July down 140 with losses fueled by followthrough selling prior to expiration of the spot option.

ACRES WHEAT UPDATE: Wheat closed lower but off daily lows as recovery occurred on spillover strength from the

(Turn to Page A4)

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Fri., May 29 at 11:00 A.M.

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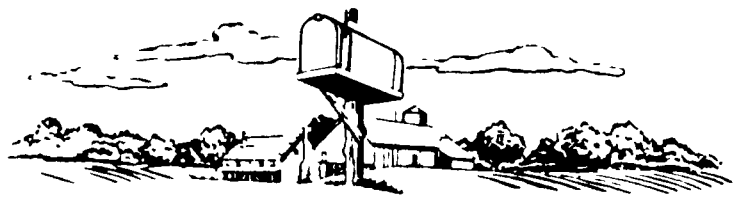

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POULTRY MARKETS

Heinseys Poultry
Tuesday, May 12, 1987

RANGE MUSCOVY DUCKS, DRAKE 1 02-1 30 HENS 1 10-1 26
PEKING DUCKS 50- 72.
PULLETS 5-7 LBS 44- 56
RED FOWL 4-4.5 LBS 25- 34, 5-6 LBS 44- 62
CROSSBRED ROOSTERS 4-6 LBS 40- 74, 7-11 LBS 30-.62
CROSSBRED FOWL 5-9 LBS 40- 62
BANTY ROOSTERS 2.00-4 75 EA
BANTY HENS 1 25-2 50 EA
GUINEA PIGS .75-3 00 EA
GOATS 24 00-56 00 EA
KID GOATS 14 00-26 00 EA
GUINEA FOWL 3 00-3 35
GEESE 8-12 LBS 30- 44
PIGEONS 1 40-1 75 EA
WHITE PIGEONS 2 75-3 50 EA
LEGHORN ROOSTERS 28- 34
LEGHORN HENS 14- 22
BUNNIES 1 00-2 50 EA
DOVES 3 00-4 50 EA
SILKIES 4 00-5 00 EA
TOTAL COOPS SOLD 884

New England Shell Eggs
Thursday, May 14, 1987

SHELL EGGS IN NEW ENGLAND
PRICES WERE UNCHANGED UNDER A STEADY TRADE SENTIMENT DEMAND FOR CARTONED EGGS WAS FAIR TO GOOD SUPPLIES WERE IN GOOD BALANCE WITH THE EXCEPTION OF JUMBOS WHICH CONTINUED LIGHT
PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN
JUMBO 80- 83, EX LARGE 51- 54, LARGE 44- 47, MEDIUM 37 40, SMALL 14- 17
BOSTON PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERFED STORE DOOR
A EXTRA LARGE 72- 75; A LARGE 65- 70, A MEDIUM 58- 61

Delmarva Broiler/Fryer & New York Multiple Drop
Thursday, May 14, 1987

DELMARVA BROILER FRYER MARKET
MOVEMENT OF READY-TO-COOK WHOLE BIRDS WAS LIGHT TO FAIR; OFFERINGS WERE EASILY AVAILABLE AND SLOW IN CLEARING IN THE PARTS COMPLEX LEGS AND LEG QUARTERS WERE MORE IN BALANCE WITH DEMAND THAN PAST FEW DAYS WHITE MEAT HAD INCREASED IN AVAILABILITY AND TRADING WAS OCCURING AT LOWER PRICES WINGS CONTINUED IN GOOD BALANCE LESS THAN TRUCKLOT ASKING PRICES WERE GENERALLY 3 CENTS LOWER IN A RANGE OF 51-62 CENTS LIVE SUPPLIES WERE AT LEAST MODERATE WIGHTS VARIED BUT GENERALLY DESIRABLE TO HEAVY SLAUGHTER SCHEDULES WRE MODERATELY HEAVY THE UNDERTONE REMAINED WEAK
ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)
ESTIMATED ACTUAL ACTUAL AVERAGE WEIGHTS 5/14 5/7 5/12 5/12 5/5 1960 2026 2004 4 56 4 66
NEW YORK MULTIPLE DROP BROILER REPORT
CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA
BRANDED U S GRADE A RANGE 51-65 WEIGHTED AVERAGE 58 90 NO OF BOXES 7,254

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Philadelphia Eggs
Thursday, May 14, 1987
Report Supplied by USDA

Market Comment: Prices were unchanged under a generally steady trade sentiment. Demand for cartoned eggs was quiet to fairly good, and nest run movement was generally good. Supplies of jumbo continue in the tightest position, and the balance were adequate to ample.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra large .55-.58½; A Large .53-.56½; A Medium .43-.44.

Northeast Chicken Parts
Thursday, May 14, 1987

Comment: Trading was light to fair and unaggressive on most items. Cutlet availability was increasing, and most dealers had no problem in booking additional product at 1.85 with some lots even noted below this level. Line-run breasts were easily available, but interest was lacking even at the lower prices. Rib breasts were fully adequate to ample, and clearances were a struggle. Legs were in balance and clearing reasonably well at 37 to 38 cents. Leg quarters have shown the most improvement, and while occasional sales were noted at 26 cents, buyers were generally more than willing to pay 27-28 cents and have started to reach out and pay 29 cents on occasion. The demand for wings was fairly good, and supplies were well-cleared.
Breasts, skinned, boneless 1.85.
Rib-on-breasts .83-.85.
Line run breasts .78-.80.
Legs .37-.38.
Leg quarters .27-.28.
Wings .43-.44.
Backs and necks .11-.12.
Livers .15-.20.
Gizzards (hearts) .15-.20.

Today's negotiated sales as of 11:30 a.m. prices paid per pound on ice packed part delivered in pool trucklot and trucklot quantities.

National Egg Market
Tuesday, May 12, 1987

PRICES WERE GENERALLY UNCHANGED UNDER A PREDOMINATELY STEADY TRADE SENTIMENT CARTONED EGG DEMAND WAS BEST WHERE FEATURED AND MOSTLY MODERATE SUPPLIES OF ALL SIZES WERE ADEUATE TO FULLY ADEQUATE WITH LARGE AND EXTRA LARGE OCCASIONALLY AMPLE THE NATIONAL SHELL EGG INVENTORY WAS DOWN 1 PERCENT FROM LAST WEEK WITH THE LARGEST PERCENT CHANGE IN THE JUMBOS, DOWN 16% BREAKERS WERE FAIRLY ACTIVE AND PRIMARILY WORKED ON PREVIOUS COMMITMENTS OFFERINGS OF RAW MATERIALS WERE IRREGULARLY AVAILABLE WITH MOST PROCESSORS BIDDING LOWER IN AN ATTEMPT TO KEEP COSTS IN LINE WITH LOWER VALUES ON FINISHED PRODUCT

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N.E. Weekly Shell Egg Report
Tuesday, May 14
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.77-.81	.70-.74	.63-.66	.40-.44
Mostly	.79-.80	.72-.73	.65-.66	.42-.43
R.I.	.76-.84	.71-.79	.62-.70	.40-.48
Mostly	.76	.71	.62	.40
VERMONT	.90-.92	.85-.86	.75-.78	
Mostly	.90	.85	.75	
MAINE	.84-.91	.77-.86	.70-.77	.47-.55

Weekly New York Egg Market Northeast Quotes
From Friday, May 8 to Thursday, May 14

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.68	.68	.68	.68	.68
Ex. Large	.63	.63	.63	.63	.63
Large	.59	.59	.59	.59	.59
Medium	.49	.49	.49	.49	.49
Pullets	.43	.43	.43	.43	.43
Off Grade	.49	.49	.49	.49	.49
BROWN					
Ex. Large	.76	.76	.74	.74	.74
Large	.71	.71	.69	.69	.69
Mediums	.53	.53	.51	.51	.51
OFF GRADE					
Undergrades	.27	.27	.27	.26	.26
Checks	.25	.25	.25	.24	.24

Breaking Stocks: Friday 48-50 lbs. 32.00-33.00, 50 lbs. up 33.00-35.00; Wednesday 48-50 lbs. 31.00-33.00.

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

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(Continued from Page A3)

soybean pits. Pressuring the futures today was the rejection of the USDA to the Soviet's latest offer for bonus wheat as well as news of high yields in Illinois on soft red winter wheat. Also pressuring nearby's was the fear of increased movement on CCC's reduction of daily wheat PIK market rates. Sharp losses in the May option of 4 cents as opposed to 1/2 cent in the July were centered around long liquidation prior to last trading day on Tuesday.

ACRES CATTLE UPDATE: Live cattle futures closed mixed with the June option settling down 30 points while the August was unchanged and October was up 52 points. The current option was pressured by the unwinding of bull spreads, however losses in live cattle were limited by the futures' discount to cash. Gains were made on ideas that recent losses were overdone and some spread unwinding occured on position evening prior to Friday's issuance of the Cattle on Feed Report.

Hackettstown Poultry & Egg
Hackettstown, N.J.
Tuesday, May 12, 1987
Report Supplied by Auction

Heavy Fowl .40-.65.
Leghorn Fowl .20-.55.
M Fowl .40.
Geese .40-1.75.
Batams .50-.70.
Roosters .50-.95.
Bunnies (each) 2.00-4.75.
Ducks .20-1.60.
Rabbits .50-1.55.
Pigeons 1.90-2.85.
Guineas 2.20.

Eggs
White
Grade A
White

Jumbo X Lge. .47-.80; Large .35-.60; Medium .32-.45.

Brown

Jumbo X Lge. .54-.72; Large .50-.61; Medium .37-.50; Small .25-.26.

Eastern PA and NJ Poultry
Wednesday, May 13, 1987
Report Supplied by USDA

Market Comment: Prices were lower in light and unaggressive trading. Offerings increased and were at least adequate, with some bookings noted into July at open prices. Heavy type fowl offerings and broilers noted as available at competitive prices. Finished product interest remained sluggish, sales light.
Prices Paid at Farm:
Light Type Hens: .05-.06, mostly .06.
F.O.B. Plant: too few to report.

New York & Philadelphia Frozen Eggs
Friday, May 8, 1987

TRADING ACTIVITY WAS SPOTTY FORWARD INTEREST IMPROVED AT LOWER TRENDING PRICE LEVELS FURTHER PROCESSORS WERE WORKING FULL SCHEDULES RAW MATERIALS WERE IRREGULARLY AVAILABLE FLOOR STOCKS WERE FULLY ADEQUATE TO IN STANCES AMPLE
WHOLESALE SELLING PRICES (PER POUND IN 30 POUND CONTAINERS) U S D A INSPECTED CLASS TRUCKLOTS LTL (MIN 25 CONT) WHOLE 41-43 MOS 41-42 44-53 BLENDS (/) 52-63 WHITES 32 35 MOS 33-34 36-42 YOLKS (MIN 43 PCT SOLIDS SUGARED 52 55 MOS 53-54 55 65 SALTED 49-53 MOS 50-51
(/) WHOLE PLUS YOLK PLUS SWEETNER GENERALLY 28-32 PCT EGG SOLIDS

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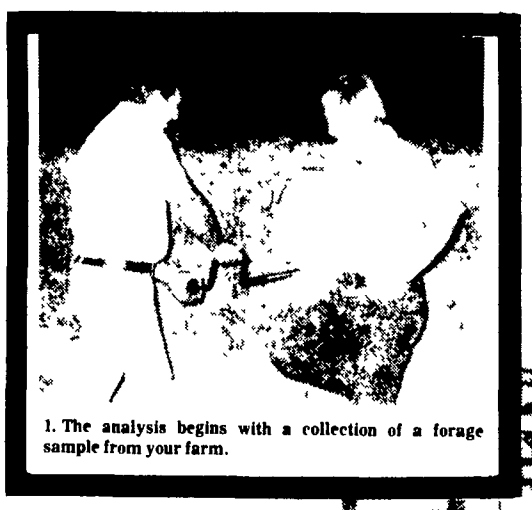
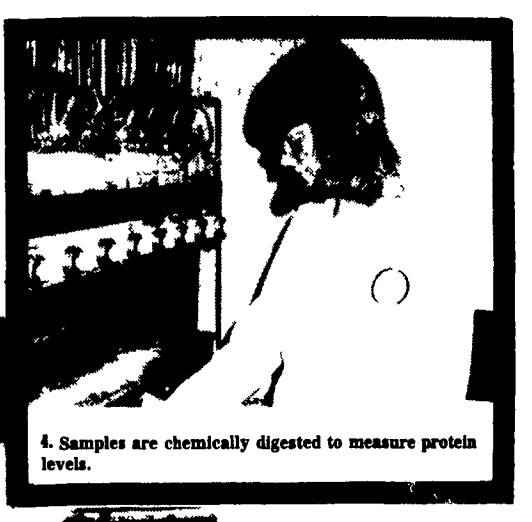
Not all testing is the same. The accuracy of your results depends on the thoroughness and professionalism of the people performing the analysis, and the precision of the testing equipment used.

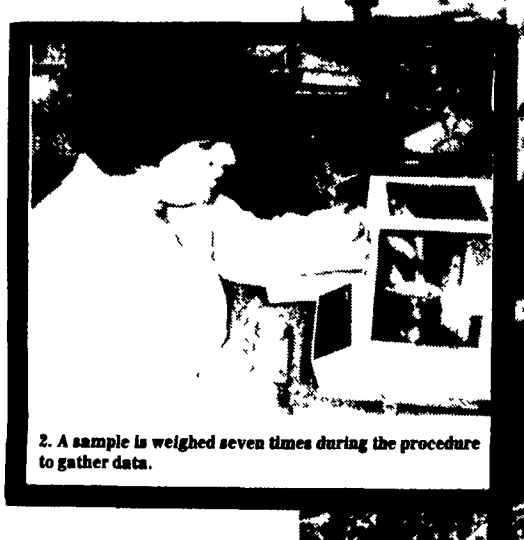
In our Technical Services Laboratory, located in Lancaster, we perform more than 5,000 forage analyses a year for farms like yours, in Pennsylvania, Maryland and Delaware. This service enables you to learn the exact nutrient values of your homegrown forages so that we can work with you to develop your best feeding program.



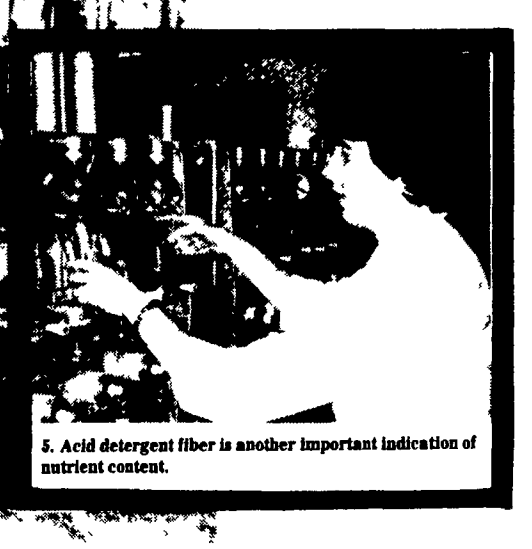
1. The analysis begins with a collection of a forage sample from your farm.



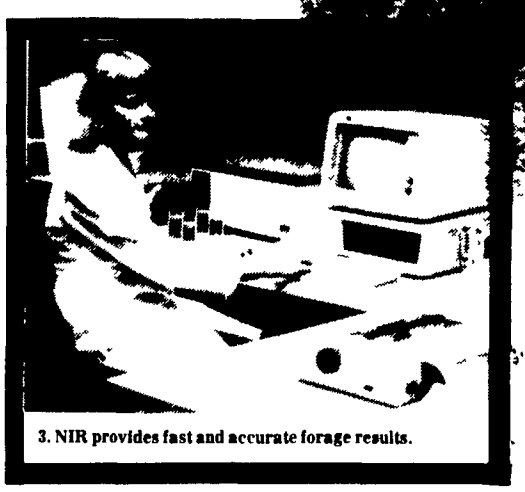
4. Samples are chemically digested to measure protein levels.



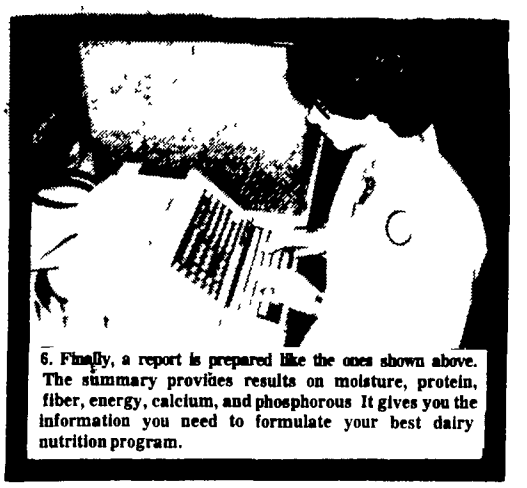
2. A sample is weighed seven times during the procedure to gather data.



5. Acid detergent fiber is another important indication of nutrient content.



3. NIR provides fast and accurate forage results.



6. Finally, a report is prepared like the ones shown above. The summary provides results on moisture, protein, fiber, energy, calcium, and phosphorous. It gives you the information you need to formulate your best dairy nutrition program.

Maximum feed efficiency and improved nutrition are two reasons for choosing Pennfield Dairy Program. **Dairymen, you can count on Pennfield... for a better bottom line.**

#515 16% Textured Dairy	#515/519 18% Textured Blend	#519 20% Dairy Pellet	#526 Pellet 26% Hi-Moist. Corn Conc.	#538 Meal 38% Dairy Conc. (All Natural)	#534 Hi-Yield 34% CP - 6¾% Fat (All Natural)
$140.21 Net/Ton	**$148.03** Net/Ton	**$155.81** Net/Ton	**$215.48** Net/Ton	**$241.02** Net/Ton	**$278.27** Net/Ton

Includes 8 ton volume discount and cash discount of 2½% due 15th following month.

(Prices effective May 18, 1987 and subject to change with grain markets.)

For More Information — Call Toll Free

PA 1-800-732-0467 MD, DE & NJ 1-800-233-0202

pennfield feeds

Quality - Service - Value

HAY MARKETS

Pa. Grain

Monday, May 11, 1987
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn steady to .11 higher; Wheat steady to .05 higher, instances .15 higher; Barley mostly steady; Oats steady to fully .05 higher; Soybeans steady to .20 higher; Ear Corn steady to $3 higher.

Southeastern Pennsylvania

Corn No. 2-y range 1.75-2.07, few reported 1.60, average 1.87, *Contract for Harvest 1.90-2.09; @Wheat No. 2 range 2.40-3.51, mostly 2.85-3.10, average 2.93, *Contract for Harvest 2.80-3.04; Barley No. 3 range 1.45-1.60, average 1.55, *Contract for Harvest 1.05-1.15; Oats No. 2 range 1.60-1.85, average 1.75, *Contract for Harvest 1.00; Soybeans No. 1 range 5.00-5.50, average 5.26, *Contract for Harvest 5.20-5.35; *Gr. Sorghum #2 range 1.65, average 1.65; *+Buckwheat *Contract for Harvest 8.40; Ear Corn range 50.00-60.00, few reported 43.00, average 53.46.

Central Pennsylvania

Corn No. 2-y range 1.60-1.95, average 1.72; @Wheat No. 2 range 2.60-3.10, few reported 2.40; average 2.68; Barley No. 3 range 1.20-1.45, average 1.37; Oats No. 2 range 1.45-1.70, average 1.60; Soybeans No. 1 range 5.00-5.50, few reported 4.40, average 5.03; Ear Corn range 45.00-55.00, average 50.30.

South Central Pennsylvania

Corn No. 2-y range 1.70-1.80, few reported 2.05, average 1.79; @Wheat No. 2 2.30-2.80, average 2.53; Barley No. 3 range 1.20-1.65, average 1.41; Oats No. 2 1.55-1.80, average 1.71; Ear Corn range 50.00-65.00, average 57.33.

Western Pennsylvania

Corn No. 2-y range 1.70-2.00, average 1.82; @Wheat No. 2 range 2.25-3.00, average 2.55; Oats No. 2 range 1.35-1.60, average 1.49; Ear Corn range 50.00-55.00, average 52.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.65-2.00, average 1.80; @Wheat No. 2-y range 2.40-3.10, average 2.74; Barley No. 3 range 1.20-1.60, average 1.46; Oats No. 2 range 1.45-1.80, average 1.68; Soybeans No. 1 range 5.00-5.50, average 5.16; Ear Corn range 45.00-60.00, average 53.56.

Month Ago

Corn No. 2-y range 1.69; @Wheat No. 2-y range 2.71; Barley No. 3 range 1.46; Oats No. 2 range 1.67; Soybeans No. 1 range 4.85; Ear Corn range 52.03.

Year Ago

Corn No. 2-y average 2.54; @Wheat No. 2-y average 3.11; Barley No. 3 average 1.63; Oats No. 2 average 1.16; Soybeans No. 1 average 4.91; Ear Corn average 66.48.

Regional Hay

May 11, 1987
Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) Hay & Straw slow, steady to $10 lower; Demand fairly good for top quality hay.

Alfalfa 85.00-120.00, few 145.00; Mixed Hay 60.00-100.00; Timothy 60.00-100.00; Straw 60.00-90.00; Mulch 35.00-45.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 5/1/87. PRICES PER TON: LOADS: 237 Hay, 82 Straw, and 29 Ear Corn.

Alfalfa 90.00-150.00; Mixed Hay 76.00-137.00; Timothy 95.00-132.00; Straw 92.00-130.00; Ear Corn 57.00-71.00.

Central Pa. Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 5/1/87. PRICES PER TON: LOADS: 124 Hay, 29 Straw and 9 Ear Corn.

Alfalfa 85.00-150.00; Mixed Hay 60.00-125.00; Timothy 87.50-110.00; Straw 60.00-115.00; Ear Corn 55.00-77.00.

New Holland Hay

New Holland, PA
Monday, May 11
Report Supplied by Auction

106 loads.

Alfalfa, 88.00-135.00, 3 at 205.00, 1 at 250.00; Mixed Hay, 56.00-125.00, 1 at 190.00 and 1 at 152.00; Timothy, 78.00-140.00; Orchard Grass, 132.00; Straw, 56.00-136.00.

Ear Corn, 66.00-72.00; Oats, 2.15 bu.

Belleville Hay

Wednesday, May 13
Belleville, PA
Report Supplied by Auction

23 loads Hay.

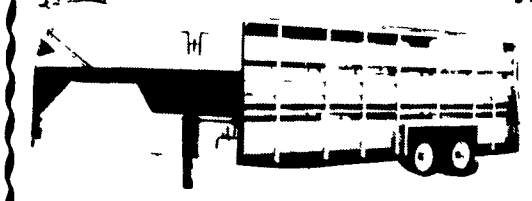
Alfalfa, 50.00-125.00; Mixed Hay, 60.00-102.50; 2 loads Straw, 82.50-87.50; Corn Fodder, 70.00.

Westminster Hay

Hagerstown, Md.
Tuesday, May 12, 1987

21 loads. Alfalfa Fancy 150.00-180.00; Fair to Good 87.00-120.00; Timothy 87.00-114.00; Timothy/Clover 95.00-125.00; Mixed 100.00-102.00; Straw 100.00-124.00; Oats 2.10/bu.

48% Soybean Meal, $231.00
Distillers Grains, $155.00
Per Ton — Delivered
EVEN LOWER PRICES FOR LARGER QUANTITIES.
Buy up to 11 tons and save more! No extra charge to blend these ingredients
NOTE We can sell for less because we sell only to people who pay promptly
WALKER COMPANY
Gap, PA 17527
717-442-4169 (Collect)

TED WALTZ

Livestock Hauling
Local and Long Distance
111 Little Washington Rd.
Downingtown, Pa. 19335
Call Evenings
(215) 942-3324

HERE TO STAY!
MAKE 1987 THE YEAR TO GET ACQUAINTED WITH
NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY
FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM
HORSES

MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
11:00 A.M.

COWS
HEIFERS, BULLS

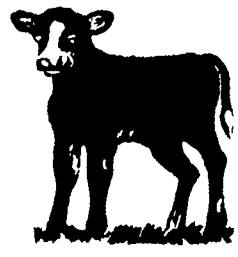
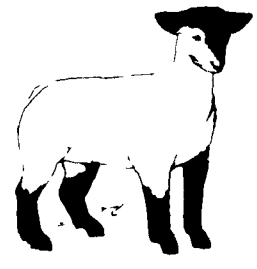
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM
BULLS -

STEERS -
BEEF COWS

2:30 P.M.
CALVES


SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Summary

Thursday, May 14, 1987

WHEAT MARKETS DECLINED 1 3/4 TO 6 CENTS PER BUSHEL YELLOW CORN TRADED 2 TO 4 CENTS HIGHER SOYBEAN MARKETS ROSE 7 1/4 TO 14 CENTS PER BUSHEL CHICAGO JULY SOYBEAN MEAL FUTURES ROSE $4 40 PER TON AND JULY OIL FUTURES WENT UP NINE POINTS PER POUND USDA ANNOUNCED ALGERIA BOUGHT 104,000 METRIC TONS OF U S CORN FOR DELIVERY DURING THE 1986/87 MARKETING YEAR AND THAT TAIWAN BOUGHT 110,000 METRIC TONS OF U S CORN FOR THE SAME DELIVERY PERIOD

DATE CHANGE YEAR AGO 5/14/87 5/13/7 5/15/86

WHEAT KANSAS CITY 3 06-3 11 5 3 45 MINNEAPOLIS 3 31 1/4 - 1 3/4 4 14 1/2 PORTLAND 3 08-3 10 - 4 3 88-3 94 ST LOUIS 3 05-3 07 - 2 TO 6 2 71-2 74

CORN, U S NO 2 YELLOW KANSAS CITY 1 86-1 93 + 2 TO 3 2 57-2 60 MINNEAPOLIS 1 78 3/4 + 2 1/4 2 48 3/4 SO IOWA 1 87-1 89 + 2 TO 3 2 55-2 56 OMAHA 1 78-1 82 + 2 TO 4 2 42-2 44

SOYBEANS, NO 1 YELLOW KANSAS CITY 5 68-5 74 + 13 TO 14 5 41-5 42 MINNEAPOLIS 5 59 1/2 + 7 1/4 5.30 1/2 SO IOWA 5 67-5 69 + 9 5 36-5 37 C ILL PROCESSORS 5 66-5 75 1/2 + 6 1/2 TO 9 5 35 1/2-5 42 1/2

*KANSAS CITY, U S NO 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN MINNEAPOLIS, U S NO 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN, PORTLAND NO 2 SOFT WHITE WHEAT, AND ST LOUIS, NO 2 SOFT RED WINTER WHEAT

GRAIN FUTURES CLOSE

KANSAS CITY (JULY) WHEAT 2 96 1/4 3/4 2 64 3/4

MINNEAPOLIS (JULY) WHEAT 2 91 1/4 1 3/4 3 11 1/2

CHICAGO (JULY) WHEAT 3 01 3/4 1/2 2 70

CORN 1 95 1/2 + 4 2 37 3/4

SOYBEANS 5 83 1/2 + 12 1/4 5 30 1/2

EXPORT PRICES BARGE OR RAIL, GULF DELIVERY

NO 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3 38 1/4 - 3/4, NO 2 SOFT RED WINTER WHEAT 3 19-3 22 UNCH NO 2 YELLOW CORN 2 07 1/4-2 11 1/4 + 2 1/4 NO 2 YELLOW SORGHUM 3 55-3 59 + 3 TO 4 NO 2 YELLOW SOYBEANS 5 92 5 96 + 11 1/2 TO 13

King's Hay

Kirkwood, Pa.
Tuesday, May 12, 1987
Report supplied by Auction

31 loads.

Alfalfa, 60.00-187.00; Alfalfa Mix, 60.00-174.00, New Cutting, wet, 64.00; Clover, 77.00-123.00; Timothy & Timothy Mix, 81.00-116.00; Grass Hay, 42.00-98.00; 7 loads Straw, 77.00-151.00, 1 load at 54.00; 2 loads Ear Corn, 65.00-70.00.

Keister's Hay

Middleburg, PA
Tuesday, May 12
Report supplied by auction

29 loads Hay. Alfalfa, 75.00-90.00; Mixed Hay, 50.00-127.50; Timothy, 85.00-90.00; Straw, 70.00; Ear Corn, 62.50; 2 loads Oats, 1.55-1.60 bu.

Green Dragon Hay

Ephrata, Pa.
Friday, May 8, 1987
Report Supplied by Auction

67 loads.

Mixed Hay, 83.00-140.00; Alfalfa, 69.00-200.00; Timothy, 95.00-140.00; Clover, 75.00; Straw, 92.00-125.00; Ear Corn, 57.00-64.00; Corn Fodder, 35.00 ld.; Oats, 2.00 and 2.10 bu.

Frederick Co. Hay

Buckeystown, Md.
Thursday, May 14, 1987
Report Supplied by Auction

23 loads. Market about steady on Hay, higher on straw.

Alfalfa 1 load fancy, $170.00, 3 good, 105.00-110.00; Alfalfa Mixed, 2 loads fair, 95.00-125.00, Timothy Hay, 3 loads good to fancy, 140.00-149.00, 3 loads fair, 117.00-130.00.

Mixed Hay, 3 loads fair to good, 75.00-90.00; 1 load of New Hay, 65.00; Straw, 6 loads good to fancy, 120.00-165.00, 2 loads dark, 80.00-110.00.

Leinbach's Hay

Shippensburg, PA
May 9 & 12, 1987
Report supplied by Auction

33 loads.

Alfalfa, 77.50-151.00; Mixed Hay, 60.00-125.00; Timothy, 78.00-98.00; Grass, 91.00-98.00; Straw, 72.50-91.00; Ear Corn, 67.00-71.00; Oats, 1.71-1.85 bu.; Mulch Hay, 55.00.

Vintage Hay

Paradise, Pa.
Thursday, May 14, 1987
Report Supplied by Auction

12 loads.

Timothy and Alfalfa, 90.00-110.00; Mixed Hay, 75.00-151.00; Straw, 98.00; Ear Corn, 68.00.

Last Hay Sale will be Thursay, May 28.

Good's Hay

Leola, Pa.
Wednesday, May 13, 1987
Report Supplied by Auction

77 loads.

Alfalfa, 60.00-182.00; Mixed Hay, 61.00-162.00; Timothy, 80.00-115.00; Straw 71.00-140.00; Corn, 66.00-73.00; Oats, 1.99 bu.; Orchard Grass, 145.00; Meadow Hay, 95.00.

Dewart Hay

Dewart, PA.
Monday, May 11, 1987
Report Supplied by Auction

Hay, 45.00-131.00; Straw,71.00; Corn, 51.00-57.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, May 13, 1987
Report Supplied by PDA

CATTLE 105...PDA...Compared with last Wednesday's market, slaughter cows were strong to $1.50 higher. Few Standard and Good sl. steers 58.50-62.50. Breaking Utility and Commercial sl. cows 47.25-50.10, Cutter and Boning Utility 44.00-48.00, Canner and Low Cutter 40.00-43.50, Shells down to 38.00. Few Yield Grade No. 1, 1040-1560 lbs. sl. bulls 48.25-57.50. Feeder Cattle: Few Medium Frame No. 1 350-800 lbs. heifers 58.00-68.00.

CALVES 127...Standard and Good 75-95 lbs. vealers 82.00-91.00, few Utility 60-80 lbs. 65.00-75.00. Farm Calves: Holstein Bulls 90-125 lbs. 90.00-148.00, mostly 100.00-130.00. Few Holstein heifers 85-100 lbs. 86.00-100.00.

HOGS 130...Barrows and Gilts $1.50 to $2 higher. US No. 1-2 205-230 lbs. barrows and gilts 56.50-58.00, 1-3 215-240 lbs. 56.35-57.50, 2-3 255-280 lbs. 55.10-56.10. US No. 1-3 475-730 lbs. sows 44.25-48.00. Boars 33.00-37.00.

FEEDER PIGS 238...US No. 1-3 20-35 lbs. feeder pigs 30.00-36.00, 35-50 lbs. 36.00-52.50 — all per head.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, May 12, 1987

CATTLE 147...PDA...Compared with last Tuesday's market: Slaughter cows mostly Choice 65.10-65.75, few Good 58.75-64, Good & Choice 1290-1600 lbs. holsteins 57.75-62, few 64.50, one 1915 lbs. 56.75, few Utility & Low Standard 56-56.75. Few Choice sl. heifers 62.75-63.25, one High Choice 69.00, few Good 57-59.25. Breaking Utility & Commercial sl. cows 48-50.60, few 54.25, few Low Dressing 41-46.25, Cutter & Boning Utility 44.75-48.50, few 50.00, Canner & Low Cutter 39.50-43.75, few 44.60, few Shells down to 34.00. Few Good sl. bullocks 55.25-61.35, one Utility 49.50. Few Yield Grade No. 1, 1415-1700 lbs. sl. bulls 57-60.25. Feeder Cattle: Few Medium Frame No. 1-2, 400-705 lbs. heifers 53.00-63.00, few Large No. 2, 525-630 lbs. 55.00-58.00.

CALVES 134...Vealers unevenly steady. Choice vealer, individual 101.00, few Good 70.00-89, Standard and Good 70-120 lbs. 62.00-74, few down to 55.00. Farm Calves: Holstein Bulls 90-140 lbs. 83.00-128, few 85-95 lbs. down to 70.00; few Holstein heifers 100-115 lbs. 80.00-114.00.

HOGS 164...Barrows and gilts mostly strong to $2 higher, spots $3 higher on small supply. US No. 1-2 220-240 lbs. 57-57.25, 1-3 220-230 lbs. 56.35-56.75, few 2-3 225-245 lbs. 55.75-56.35, few 200-205 lbs. 53.75-54.50, few lots 1-3 150-180 lbs. 42.00-49.00. US No. 1-3 335-475 lbs. sows 43.50-46.25, 530-650 lbs. 45-47.25, few 2-3 265-405 lbs. 40.00-45.00. Few Boars 36.00-40.00.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, May 13, 1987
Report Supplied by PDA

CATTLE 56...PDA...Compared with last Wednesday's market: Standard slaughter steer, individual 50.00, couple Utility 44.00&47.50. Couple Good sl. heifers 54.75&55.00, one Standard 49.00, one Utility 45.25. Breaking Utility sl. cow, individual 47.25, few Cutter and Boning Utility 44.25-48.00, Canner and Low Cutter 37.00-40.00, Shells down to 30.00. Few Yield Grade No. 1, 1180-1865 lbs. sl. bulls 47.00-48.00. Feeder Cattle: Few Medium & Large Frame No. 1, 420-460 lbs. heifers 62.00-67, few 560-615 lbs. 55.50-59.25. Medium Frame No. 1-2, 315-595 lbs. bulls 60.00-67, 610-925 lbs. 42.75-50.00.

CALVES 86...Choice vealer, individual 100.00, few Good 80.00-90, Standard and Good 90-120 lbs. 74.00-90, 60-85 lbs. 60.00-81, few Utility 50-75 lbs. 45.00-55.00. Farm Calves: Holstein Bulls 90-125 lbs. 90.00-121.00. Few Beef cross bulls & heifers 90-125 lbs. 91.00-95.00.

HOGS 161...Barrows and gilts .25 to .50 higher. US No. 1-2 230-240 lbs. 55-55.20, couple 56.20, 1-3 225-250 lbs. 54-54.90, couple lots 205 lbs. 52.50 and 200 lbs. 51.25, 2-3 250-275 lbs. 51.90-54, small lot 290 lbs. 50.00, 1-3 125-175 lbs. 43.75-46.50. Few US No. 1-3 365-670 lbs. sows 42.50-43.25, few 160-260 lbs. 40.00-44.00. Couple Boars 33.25&36.00.

FEEDER PIGS 36...US No. 1-2 35-50 lbs. feeder pigs 40.00-48.00, lot 100 lbs. 51.00 — all per head.

SHEEP 15...High Choice & Prime 80-90 lbs. spring sl. lambs 86.00-95.50. Slaughter ewe, individual 18.00.

GOATS 8...Large, individual 32.00, Medium, individual 24.00, few Kids 14.00-17.00 — all per head.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
May 14, 1987
Jersey Shore, Pa.
Report supplied by Auction

Return to Farm Calves 100.00-140.00.
Good Veal 95.00-105.00.
Common Veal 68.00-94.00.
Choice Steers 69.00-76.50.
Good Steers 63.00-68.00.
Common Steers 49.00-62.00.
Commercial Cows 47.00-54.75.
Canners-Cutters 39.00-48.00.
Shells 35.00-42.00.
Choice Heifers 65.00-69.00.
Good Heifers 58.00-64.00.
Common Heifers 39.00-57.00.
Good Feeders 65.00-71.00.
Common Feeders 48.00-64.00.
Bulls 47.00-59.00.
Good Hogs 52.00-55.00.
Heavies 45.00-51.00.
Sows 35.00-45.00.
Roughs 32.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, May 11, 1987
Report supplied by auction

Registered receipts of 296 head of horses, mules and ponies.

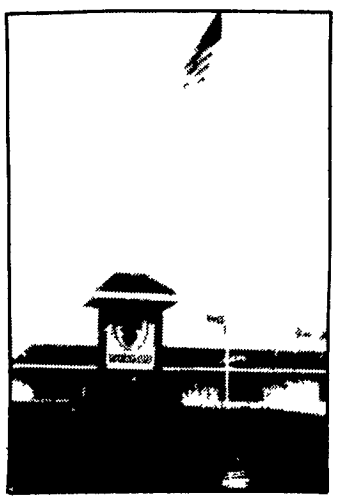
Market: stronger.

Local

Better Horses: 600.00-750.00.
Registered Horses: 650.00-1100.00.
Driving Horses: 350.00-875.00.
Riding Horses: 185.00-550.00.
Lightweight Killers: 175.00-350.00.
Heavyweight Killers: 400.00-525.00.
Mare Ponies: 40.00-75.00.
Colts: 10.00-30.00.
Gelding Ponies: 40.00-75.00.
Larger Ponies: 110.00-250.00.

MELHORN SALES, SERVICE, TRUCKING CO.
1010 W. Main St., Mount Joy, PA 17522

LOCAL DEKALB HATCHERY TEAM



Four nearby locations capable of large volumes to fill your orders in 1 to 2 consecutive days utilizing professional people and state of the art equipment. This provides you with fast, efficient service that results in a top quality chick.

The only full service company, in this area, to handle the total needs of the poultrymen.

DEKALB

For More Information Phone:
717-653-1102
Monday - Friday 8:30 AM - 4:00 PM

MELHORN

SPRAY MATERIALS

We will deliver in the Delmarva area.

* ATRAZINE	* BLADEX	* EXTRAZINE
* DUAL	* BANVEL	* LORSBAN
* LASSO	* LOROX	* FURADAN
* SUTAZINE	* PARAQUAT	* COUNTER
* ROUND UP	* PRINCEP	* DYFONATE
* LASSO-ATRAZINE		ETC.

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THE OLD FARMER'S ALMANAC

MAY 18-24, 1987

Don't poke other fellas with the tips of your umbrellas.

Last quarter of the moon May 19 (Tues) On May 20, 1536, Henry VIII married Jane Seymour one day after beheading his last wife, Anne Boleyn The Homestead Bill was passed by Congress May 19, 1862 Average length of days for the week 14 hours, 48 minutes The Back Bay Cycle and Motor Company of Boston became America s first public motor garage May 24, 1899 *Fear not death, for the sooner we die, the longer we shall be immortal*

Ask the Old Farmer: The Civil War song, 'When Johnny Comes Marching Home,' contains the lyrics And we'll all drink stone wine ' What is stone wine? M B , Charlotte N C

Stone wine was made from the hard crust formed on the lees left from making ordinary wine, with cream of tartar added It was a poor variety generally speaking but with a high muzzle velocity!

Home Hints Use moss to cover bare spots under trees Water it well

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week warm with rain north, showers south, mid through end of week clear and warm south rain continues north

Greater New York-New Jersey: Week begins with intermittent showers and warm temperatures, mid through end of week showers and mild temperatures

Middle Atlantic Coastal: Beginning of week hot with scattered showers mid through end of week cloudy and cool showers west

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Greencastle Livestock

Greencastle, Pa.
Monday, May 11, 1987

CATTLE 555. SLAUGHTER STEERS: Choice & Prime 70.00-73.75, few to 75.50; Good & Choice 65.00-71.50; Good & Choice — Holstein 57.00-62.75; Standard & Good — Holstein 52.00-57.00.

SLAUGHTER HEIFERS: Choice 66.50-71.50, few to 73.75; Good & Choice 62.00-68.00; Standard & Good 55.00-63.50.

COWS: Utility & Commercial 43.00-48.50, few to 52.75; Cutter & Boning Utility 44.50-49.50, few to 52.00; Canner & Low Cutter 44.50 & down.

BULLS — ALL WEIGHTS: Yield Grade 1 56.50-60.75, few to 62.75; Yield Grade 2 51.00-57.00.

STOCKER CATTLE — ALL WEIGHTS. Steers — Medium & Good 68.00-81.50; Heifers — Medium & Good 59.00-71.00; Bulls — Medium & Good 58.50-75.00; Steers — Holstein 50.00-64.00.

CALVES 401. Good & Choice — 125 to 250 pounds 95.00-111.00; Medium & Good — 125 to 250 pounds 78.00-97.00; Medium & Good — 80 to 120 pounds 80.00-100.00; Light & Cull — all weights 82.00 & down; Holstein Bulls — return to farm up to 135.00; Holstein Heifers — return to farm up to 115.00.

LAMBS, SHEEP & GOATS 89. Choice Lambs 97.00-101.50; Medium & Good Lambs 75.00-97.00; Light & Cull Lambs 70.00-90.00; Sheep, Ewes & Bucks 22.00-27.50; Goats — all sizes (by head) 10.00-46.00.

HOGS 130. No. 1-3 Butcher Hogs — 190-225 pounds 54.00-55.60; No. 1-3 Butcher Hogs — 225-250 pounds 55.00-57.00; No. 1-3 Butcher Hogs — 250-300 pounds 47.00-54.00; Good Butcher Sows — 400 pounds down 45.00-49.50; Good Butcher Sows — 400 pounds up 45.00-49.50; Heavy Boars — over 300 pounds 38.00-40.50; Pigs—all sizes (by head) 29.00-50.00.

Sale every Monday afternoon at 3:30 p.m.; Hay & straw sale every Monday at 1:00 p.m.

9 loads.
Alfalfa 130.00-154.00.
Mixed 100.00-135.00.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 287...PDA. Compared with last Monday's market: Slaughter cows mostly $1 higher. Few Choice sl. steers 66.50-66.75, few Good 64.50-65.50, few Standard 53.00-58, few Utility 48.75-52.00. Few Choice sl. heifers 63.00-69, one 72.00, few Good 56.50-58.50, few Standard 49-55.25. Breaking Utility & Commercial sl. cows 46.75-50, one 51.50, few yield grade 4-5, 44-46.75, Cutter & Bon. Utility 43.00-48, few high dressing 48-49.50, Canner & Low Cutter 37-43.50, Shells down to 31.00. Few Yield Grade No. 1, 1300-1940 lbs. sl. bulls 53.75-57.75, one No. 2 1575 lbs. 49.00. Feeder Cattle: Few Medium Frame No. 1, 415-635 lbs. steers 61.00-68, Med. & Large #1, 700-1035 lbs. 56-62.50. Few Medium Frame No. 1, 415-540 lbs. heifers 58.50-63.50, few Medium #2, 390-650 lbs. 54.50-64.50. Few Medium 1, 315-385 lbs. bulls 74.00-85.50, Med. & Large #1, 445-650 lbs. 59-69.50, few 640-835 lbs. 52.50-55.00.

CALVES 238...Prime vealers, individual's 110.00, Choice 94.00-107, few Good 78.00-90, Standard and Good 90-135 lbs. 73.00-85, 65-85 lbs. 63.00-75, Utility 50-80 lbs. 49.00-58.00. Farm Calves: Holstein Bulls 90-130 lbs.100.00-149, lot 85 lbs. 85.00; Holstein Heifers 90-120 lbs. 74.00-95.00. Beef Cross Bulls and Heifers 80-130 lbs. 75.00-92.50.

HOGS 418...Barrows and gilts $2.50 to $3 higher. US No. 1-3 215-265 lbs. 54.00-56, 2-3 215-285 lbs. 52.00-54.25, few 1-3 200-210 lbs. 50.00-52.00. Sows $1.50 higher. US No. 1-3 330-595 lbs. sows 44.50-49.50 Boars 36.50-43.00.

FEEDER PIGS 8...Few US No. 1-3 40-55 lbs. feeder pigs 40.00-59.00 — all per head.

SHEEP 165...High Choice and Prime 70-90 lbs. spring lambs 95.00-106,few 115-120 lbs. 85.00-90, Choice 60-90 lbs. 85.00-98, Good and Choice 35-75 lbs. feeder lambs 75.00-85.00. Slaughter ewes 8.00-22.00.

GOATS 15...Medium & Large 15.00-31.00, Kids 11.00-20.00 — all per head.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 302...PDA... REPORT IS SUPPLIED BY THE AUCTION ...Choice sl. steers 64.00-67.75, Good 57.75-63.50, Standard 49.00-54, Utility 45.00-48.50. Choice sl. heifers 63.00-66, Good 55.00-60.50, Standard 47.50-53, Utility 44.50-48.00. Breaking Utility & Commercial sl. cows 48.00-52, Cutter & Bon. Utility 41.00-48, Canner & Low Cutter 36.50-41.50, Shells down to 25.00. Yield Grade No. 1, 1100-1965 lbs. sl. bulls 58.00-64.75, No. 2, 950-1500 lbs. 46.00-50.00. Feeder Cattle: Medium & Large Frame No. 1, 280-550 lbs. steers 73.00-85, 600-900 lbs. 60.00-73.25. Medium Frame No. 1, 300-500 lbs. heifers 65.00-72.00. Medium Frame No. 1, 400-600 lbs. bulls 67.00-87, No. 2, 500-650 lbs. 55.00-60.00.

CALVES 157...Choice vealers 93.00-103, Good 79.00-90, Standard and Good 90-120 lbs. 62.00-69, 60-85 lbs. 51.00-63, few Utility 60-85 lbs. 45.00-60.00. Farm Calves: Holstein bulls 90-125 lbs. 80.00-152.50, Holstein Heifers 85-115 lbs. 75.00-105.00.

HOGS 62...US No. 1-3 202-230 lbs. barrows and gilts 53.00-56.00, lot 1-3 196 lbs. 51.00. US No. 1-3 300-600 lbs. sows 42.00-47.00, 2-3 400-625 lbs. 37.00-42.50. Boars 30.00-35.00.

FEEDER PIGS 10...Few US No. 1-3 40-60 lbs. feeder pigs 40.00-42.00 — all per head.

SHEEP 217...High Choice & Prime 55-70 lbs. spring sl. lambs 90.00-101, Choice 70 lbs. 99.00, Good 70 lbs. 75.00. Slaughter ewes 20.00-35.00.

GOATS 37...Large 38.00, Kids 12.00-15.00 — all per head.

New Holland Sales Stables

New Holland Dairy
Wednesday, May 13, 1987
Report supplied by auction

Reported receipts of 93 cows, 83 heifers, and 2 bulls. Market stronger.

Load of PA fresh cows 1100.00-1400.00.

Load of PA fresh cows 610.00-1100.00.

Load of PA fresh cows 725.00-1020.00.

Load of Canada springers 690.00-900.00.

Load of Perry Co. fresh cows 1220.00-1290.00.

Load of PA fresh cows 660.00-935.00.

Load of 52 head, all stage cows 400.00-880.00.

Locally consigned cows 370.00-1000.00.

Springing heifers 610.00-940.00.

Open heifers 325.00-500.00.

Bulls 590.00-635.00.

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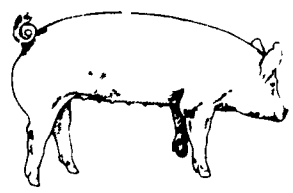

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- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately
- We will also accept your sows & boars
- Your cattle will be received from 12 30 to 5 P M We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

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Lebanon, Berks, Lancaster & Chester Counties

FRIDAY, JUNE 5
ON THE FARM MONTHLY
BRED GILT SALE

PLEASE NOTE
JUNE 5
EVENING SALE 7:30 PM

Sale To Start Promptly Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

25 Head Due Between June 7 & 14
22 Head Due Between June 14 & 28

50 to 60 Head
WHITE DIAMOND GILTS
Here Now a new cross again. Large White & Landrace, first generation true F-1 gilts. Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.

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Local Truck Available
No Hogs Sold On Commission

JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L

NEXT SALE DATE JULY 3, 7:30 P.M.

Livestock market and auction news

VIRGINIA MARKETS

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 9, 1987
Report supplied by auction

FEEDER CATTLE TREND: STEERS: All classes $1 to $2 Higher. M&L-1 300-500 lbs. 85.00-91.00; 500-700 lbs. 73.50-85.00, few 88.00; 700-1000 lbs. 67.00-75.00; Holstein 300-1000 lbs. 57.50-71.50. S-L&M&L-2 300-500 lbs. 75.00-82.00; 500-700 lbs. 70.00-80.50; 700-1000 lbs. 59.00-63.00.

FEEDER BULLS: M&L-1 300-500 lbs. 74.00-84.00; 500-700 lbs. 62.00-75.00; 700-800 lbs. 59.50-63.00. S-L&M&L-2 300-500 lbs. 68.00-80.00; 500-700 lbs. 65.00-69.00; 700-800 lbs. 51.00-56.00.

HEIFERS: M&L-1 300-500 lbs. 73.00-78.00; 500-700 lbs. 64.50-72.50; S-L&M&L-2 300-500 lbs. 67.00-72.50.

STOCK COWS: Beef w/Calves 390.00-630.00 (1 at 700.00); Baby Calves Small 31.00-77.00; Large 80.00-119.00.

SLAUGHTER COWS TREND: $1 Higher. Utility & Commercial 2-4 42.00-47.25; Canner & Cutters 1-3 36.00-41.50.

SLAUGHTER BULLS: 1&2 51.50-59.25.

LAMBS: Trend $5.50 Higher. Blue O High Choice & Prime 99.50; Red O Choice 92.00; Slaughter Ewes 17.00-23.50.

VEALS: Choice & Prime 91.00-99.50; Good 81.00-90.00.

SLAUGHTER CALVES: Good & Choice 67.00-74.00.

Virginia Weekly Livestock

Thursday, May 14, 1987

MARKETS IN REVIEW, MAY 7-13, 1987 FEEDER STEERS AND HEIFERS IN VIRGINIA AUCTIONS AND THE MIDWEST WERE STEADY TO $2 00 HIGHER AS SLAUGHTER CATTLE PRICES MOVED STEADY TO $2 00 HIGHER STEER AND HEIFER BEEF MOVED STEADY TO $2 00 HIGHER WITH THE BOXED BEEF CUT OUT VALUE OF CHOICE 2-3, 550-700 LBS CARCASS REACHING $115 88/CWT TUESDAY THIS WAS $6 40 HIGHER THAN LAST WEEK COWS AND BULLS IN VIRGINIA AUCTIONS AND THE MIDWEST MOVED STEADY TO $3 00 HIGHER UNDER A STRONG COW BEEF MARKET BEEF PRODUCTION LAST WEEK WAS 3 1/2 PERCENT BELOW THE PREVIOUS WEEK AND 13 PERCENT BELOW A YEAR AGO WITH AVERAGE WEIGHTS 7 LBS LIGHTER VEAL AND CALF PRICES AT VIRGINIA AUCTIONS HELD STEADY WHILE EAST COAST CARCASS PRICES RANGED STEADY TO 5 00 HIGHER SLAUGHTER LAST WEEK WAS 5 PERCENT BELOW THE PREVIOUS WEEK AND 25 PERCENT BELOW A YEAR AGO WHEN AVERAGE WEIGHTS WERE 17 LBS HEAVIER LAMB PRICES IN VIRGINIA AUCTIONS WERE $2 00- 5 00 HIGHER WHILE MIDWEST PRICES RANGED STEADY TO $2 00 HIGHER THE EAST COAST CARCASS PRICES WERE STEADY TO $5 00 HIGHER SLAUGHTER LAST WEEK WAS 9 PERCENT BELOW THE PREVIOUS WEEK AND 6 PERCENT BELOW A YEAR AGO AND AVERAGE WEIGHTS WERE ONLY 1 LB HEAVIER HOG PRICES AT VIRGINIA AUCTIONS RANGED 50 CENT TO $3 00 HIGHER WHILE MIDWEST PRICES WERE LOWER EARLY BUT CLOSED $1 00-2 00 HIGHER PORK PRODUCT PRICES WERE MOSTLY HIGHER RANGING FROM STEADY TO AS MUCH AS $9 50 HIGHER ON LOINS PORK PRODUCTION LAST WEEK WAS UP 3 PERCENT FROM THE PREVIOUS WEEK BUT 9 PERCENT BELOW A YEAR AGO WHEN AVERAGE WEIGHTS WERE 2 LBS LIGHTER THE RICHMOND HOG MARKET CLOSED $1 00 HIGHER THAN LAST WEDNESDAY WITH BARROWS AND GILTS 1-4, 200-240 LBS AT $53 00- 53 50/CWT TOTAL RECEIPTS FOR THE WEEK 183 HEAD THE SOUTHEAST VIRGINIA HOG MARKET CLOSED 75 CENT TO $1 00 HIGHER THAN LAST WEDNESDAY WITH BARROWS AND GILTS 1-4, 200-240 AT $53 00-54 50/CWT TOTAL RECEIPTS FOR THE WEEK 9,509 HEAD AT HARRISONBURG, LYNCHBURG, TAPPAHANNOCK HOG PRICES WERE $2 00-3 50 HIGHER THAN LAST WEDNESDAY AT $52 00-55 50/CWT SOWS WERE $38 00/CWT PRICE RANGES FOR VIRGINIA AUCTION SLAUGHTER CATTLE CHOICE STEERS 2-3 1000-1300 LBS 67 75-71 35 CHOICE STEERS 2-3 1300 LBS & OVER 68 50-73 85 CHOICE HEIFERS 2-3 900-1100 LBS 61 75-71 00 CHOICE HEIFERS 2-3 1100 LBS & OVER 64 00 UTILITY & COMMERCIAL COWS 41 00-50 25, FEW 38 75 BULLS 1-2 900-1300 LBS 51 50-62 00 FEW 42 75 1-2 1300-1600 LBS 50 00-59 50, 1-2 1600 LBS & OVER 54 75-61 25 SLAUGHTER CALVES AND VEALERS VEALERS HIGH CHOICE & PRIME 100-250 LBS 74 00-93 00 GOOD AND CHOICE 100-250 LBS 70 00-85 00 CALVES - GOOD AND CHOICE 250-500 LBS 61 00-78 00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LB SPRING 95 00-99 75 FEW 89 00 HIGH CHOICE & PRIME 95-125 LBS WOOL 78 00-79 00 SLAUGHTER HOGS US 2-4 200-250 LBS 50 00-56 00 SOWS US 1-3 300-500 LBS 39 00-48 50, 500 LB & OVER 43 50-49 00 FEEDER CATTLE STEERS, MEDIUM 1 300-500 LBS 83 00-93 00 FEW 76 00 500-700 LBS 74 00-86 00 FEW 67 00 HEIFERS, MEDIUM 1 300-500 LBS 67 00-79 50 500-700 LBS 63 50-76 50

Grantsville Livestock

Grantsville, Maryland
Saturday, May 9, 1987

Large: 30-35; Medium: 25-32.

HOGS: Top Barrows & Gilts 53.00-55.20; Heavy Butcher 50.50-54.00; Light Butcher 40.00-48.00; Butcher Sows 30.00-47.00; Feeder Shoats 25.00-58.00.

VEAL: Good 80.00-104.00; Standard 64.00-79.00; Utility 50.00-63.00; Bull 75.00-132.50.

SHEEP & LAMBS: Good 85.00-99.00; Utility 65.00-80.00; Slaughter Ewes 18.00-28.00.

SLAUGHTER CATTLE: Steers: Good 68.00-70.00; Standard 60.00-64.00; Utility 55.00-58.00.

HEIFERS: Good 62.00-68.50; Standard 55.00-60.00; Utility 42.00-52.00.

COWS: Commercial 43.00-49.75; Utility 40.00-42.00; Canner & Cutter 32.00-37.00.

BULLS: Commercial & Good 52.00-62.25; Cutter & Utility 44.00-50.00.

STOCK-FEEDER CATTLE: Yearling Steers: Good 68.00-78.00; Medium 55.00-65.00.

STEER CALVES: Good 70.00-83.00; Medium 58.00-68.00.

HEIFER CALVES: Good 60.00-72.00; Medium 45.00-58.00.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, May 12, 1987
Report supplied by auction

SLAUGHTER: Cows: Steady prices. High Yield none offered; Utility 44.00-48.00; Canners 41.00-45.00; Shelly 40.00-Down. Bulls: $2 higher, Heavyweights 55.00-59.75; Medium 52.00-55.00. Fed Steers: Scarce, Good 950-1050 lbs. 62.00-64.50; Good Holsteins 1400 lbs. 55.00. Fed Heifers: Choice 1100 lbs. 66.25; Good 900-1200 lbs. 54.00-57.50. Veal Calves: Strong demand, Choice 200-360 lbs. 98.00-107.00; Good to Low Choice 135-300 lbs. 77.00-96.00; Killers $10 higher, 80-100 lbs. 80.00-89.00, 50-80 lbs. 52.00-80.00. Farm Calves: Beef cross 90-130 lbs. 85.00-101.00; Holstein Bulls $4 higher, 95-125 lbs. 100.00-128.00, 85-90 lbs. 88.00-106.00; Holstein Heifers 100-105 lbs. 90.00-111.00, 80-100 lbs. 88.00-91.00. Butcher Hogs: Larger run $3 higher, US #1&3 215-240 lbs. 55.00-56.00, 240-260 lbs. 52.50-55.85, 200-215 lbs. 52.00-55.00; Sows 500-700 lbs. 46.50-47.00, 350-500 lbs. 43.00-45.50, Thin 37.00-41.00; Boars 400-700 lbs. 39.00-40.00.

STOCK CATTLE: 90 head, steady prices. Steers: 300-500 lbs. Good 74.00-81.00, 500-700 lbs. Good 68.00-76.00, Medium 60.00-78.00, 700-850 lbs. 60.00-67.00, 850-950 lbs. 57.00-62.00. Heifers: 300-500 lbs. Good 60.00-69.00, Medium 53.00-60.00, 500-700 lbs. Good 60.00-70.00, Medium 53.00-59.00, 700-900 lbs. Medium 39.00-46.00. Bulls: 300-500 lbs. Good 65.00-78.00, Medium 60.00-65.00, 500-700 lbs. Good 57.00-66.00. Lambs: 18 head, Choice 90-115 lbs. 87.00-94.50, Several 50-65 lbs. 75.00-86.00. Sheep: 11 head, 25.00-40.00, mainly 29.00-35.00. Goats: 51 head, prices per head, Large 50.00-68.00, Medium 35.00-50.00, Large Kids 28.00-35.00, small 25.00 down. Pigs & Shoats: 75 head, By the Head: 20-35 lbs. 28.00-39.50, 35-50 lbs. 40.00-50.00; By the Lb.: 140-180 lbs. 45.00-50.00, Stock Boars 200-250 lbs. 41.00-45.00, 335 lbs. to 39.00.

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11:00 A.M.-Beef Sale 200-300 each week.
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Lancaster Farming

OPINION

A Healthy Farm Business

Too much debt load can ruin the health of your farm business. That's been self evident during the last number of years when we've experienced interest rates up to 20 percent. This caused a lot of farmers a lot of financial and personal headaches.

Fortunately, interest rates have returned to more normal levels, and the past two years have given farmers in Pennsylvania an increasing profitability according to Richard Denison, manager of Pennsylvania Farmers' Associations' financial services. As reported elsewhere in this issue, Denison says that Pennsylvania farmers paid more income tax in 1985 than in 1984. And they paid more income tax in 1986 than in 1985. We can get a feel for what is happening in the business of farming from this report. First, the profibability in farming has increased from the lows of the early 1980s. In addition, farmers are paying off debt instead of investing in new equipment where they might have been able to take added tax credits. We agree with Denison that there is nothing wrong with paying a little more income tax if you are going to get yourself more free of your debt load.

Since the early 1950s when PFA began to keep financial records for farm businesses, the average farmer could sell his livestock and equipment and still have his land debt free. That was true until 1981 when for the first time on record a farmer still had to sell land after his livestock and equipment dispersal to get out of hock. In recent years interest jumped from fourth place to second place behind feed as the farmer's major farm cost input. We think this fact is significant.

Obviously, some debt and a line of credit for peak input seasons are necessary. Though some figures we have seen, show that about one third of the farmers have no debt load at all. And some farmers pay cash for the equipment they buy. One farmer we know upgraded his 20-year-old tractor for a 12-year-old tractor with outlayed cost of about $1,500. He feels his chances of mechanical problems are no greater with his new, old tractor than with his old, old tractor. He seems to have a good head on his shoulders so we're not going to disagree. Certainly parts are more readily available. And the minimal addition to investment in equipment is very attractive.

Another young farmer plans to go into full-time dairying with his small family by the end of this year. At first he thought it was necessary to modernize the family farm. But after studying other farm operations of some of his peers he changed his mind. They had taken on a debt load that almost made them slaves of the credit institution. This young man decided he'd work into it with the present less-than-modern setup. He is not interested in slavery. And he's certainly nobody's fool.

By going into farming, Denison tells young farm families that it may take them a longer time to catch up to their city friend's standard of living. But in the end they will be better off.

So for the healthy farm business, the mangement of debt is as important as the management of the production of milk, meat or crops. And it is exciting that many farmers (young and old) in Lancaster Farming Territory have mastered the management of all areas of their farm business. This makes for a healthy farm economy. And it deserves heart-felt congratulations from all of us to all of you.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Be Aware of Corn Insects

With the trend toward no-till corn planting or minimum tillage, we can expect more problems with corn insects. Past experience shows this. We urge corn growers to inspect their fields frequently to observe any feeding on small plants. You can have cutworms, stalk borers and armyworms at any time feeding on the corn plant. The Agronomy Guide lists several materials for the control of cutworms and armyworms, including Lorsban, Furadan, Dyfonate, Dylox or Sevin. The stalk borer is very difficult to control because they work inside the corn stalk.

Flea beetles are another insect that may feed on small corn leaves; they create small holes in the leaves but seldom do extensive damage. Sevin can be used to eliminate these small insects, if it is serious enough. Keep an eye on the corn field for the first several weeks and avoid insect injury. Be sure to follow label directions when using any pesticide.

To Be Aware of Wheat Diseases

Conditions are just right this year for the plant disease "powdery mildew" on our wheat crop. Our research agronomist, John Yocum, reminds us to take a good look at our wheat fields. Disease buildup occurs based on the relative resistance or susceptibility of the variety grown, the amount of nitrogen available to the crop and weather conditions.

The fungicide Bayleton is available for powdery mildew control. It is recommended to use Dithane with the Bayleton to help control other fungus problems. Be sure to follow label directions.

For Haylage and Hay Making

Good quality forages can help farmers generate more cash income with little to no additional expense. And, what farmer couldn't use that right now! Cows produce more milk and livestock gain more rapidly on higher quality forages. The need for purchased concentrates is also greatly reduced. So, if you are growing forages, concentrate on improving forage quality and improving nutrient yield per acre.

Most important to quality is stage of maturity at time of harvest. For established stands of alfalfa, harvest the first cutting at the late bud stage; later cuttings can be harvested in the late bud to early bloom stage... about 35 to 42 days after the previous cutting. To enhance the vigor and longevity of the stand, at least one of the cuttings should be allowed to bloom. Similarly, the first cutting of a new seeding of alfalfa should be made in the early bloom stage.

Grasses should be cut in the boot stage of maturity, just as the heads are beginning to emerge.

To Be Aware of Hot Hay

Many farmers may be making hay that has higher than usual moisture levels in order to get the first cutting of hay into the barn. This can result in excessive heating, spoilage and possibly a barn fire due to spontaneous combustion. If you suspect your hay is hot, check the temperature. Drive a pipe down into the hay mow at several locations, and lower a thermometer into the pipe. (Temperatures will rise to 120°F. during normal sweating and then drop back. At 150°F, you are entering the danger zone, and temperatures should be checked daily. At 160°F you are in the danger zone and temperatures should be monitored every 4 hours. Hot spots or fire pockets may be anticipated at 175°F; alert your fire company. At 185°F, start removing the hay; be careful you don't fall into a fire pocket; have fire protection and rescue service standing by.

Farm Calendar

Saturday, May 16

Fourth Annual Rhubarb Festival, Kitchen Kettle Village, Route 340, Intercourse.

Armstrong County dairy princess pageant, Lenape Vo-Tech School, 8 p.m.

Berks County Dairy Princess Pageant, Berks County Ag Center and Auditorium, Reading.

Sunday, May 17

Md. Draft Horse and Mule Association Open Driving Schooling Show, Mt. Airy Carnival Grounds, Mt. Airy, Md., 9 a.m.

Annual Convention, Pa. Food Processors Association, Hershey Pocono Resort; continues through May 19.

Tuesday, May 19

Ephrata Area Young Farmer Monthly meeting, 7:45 p.m., Ephrata High School Ag Department.

Wednesday, May 20

NW Maple Queen Contest, Michael Angelo's, Route 6, Corry, 7:30 p.m.

Hunterdon County Ag Development Board meeting, Extension Center, 8 p.m.

Thursday, May 21

Mifflin County Dairy Princess Pageant, Towamencin Firehall.

Saturday, May 23

NW Keystone Jr. Beef Classic, Fairgrounds, Meadville.

W. Pa. Rabbit Breeders, Fairgrounds, Meadville.

Upper Shore Dairy Princess Contest.

Maryland State 4-H Dairy Bowl, Symons Hall, University of Maryland.

Saturday, May 30

York County Dairy Princess Pageant, 4-H Center, 8 p.m.

Delaware Strawberry Festival, Middletown High School, South Broad Street.

Chester County Dairy Princess Pageant, West Fallowfield Christian School, Atglen, 7:30 p.m.

Franklin County 4-H Spring Preview Show, Shippensburg Fairgrounds.

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

TORN TO HEAL

May 17, 1987

Background Scripture:
Hosea 5:8 through 7:16.
Devotional Reading:
Psalms 31:19-24.

Just as love is powerless to save without judgement, so discipline and punishment are often essential to judgement. To "punish" means to exact a penalty for an offense. "Discipline" may mean to punish for the purpose of correction and training. It is important for us to realize that both of these—punishment and discipline—have a constructive purpose: to change for the better the one who is in violation of the rules or laws.

FOR PREVENTION

Unfortunately, people often assume that the purpose of punishment is retribution: "an eye for an eye and a tooth for a tooth." Some people indeed mete out punishment because they get satisfaction in administering retribution. When this is true, there is little difference, if any, between punishment and revenge. But the true purpose of punishment, although it comes "after the fact," is, in reality, aimed at prevention or "before the fact."

If we punish now for some wrong that has been performed, it is for the purpose of discouraging a repitition of that act.

In the prophetic literature of the Old Testament we find that punishment in the hands of God is always constructive, never sheer retribution. If God punishes Israel it is so that the people may realize their sin and return to the Lord. It is in this light that the Lord muses: "What shall I do with you, O Ephraim? What shall I do with you, O Judah?" (6:4). God does not subject Israel to its many calamaties for the purpose of "paying-back" the people for their infidelity. God subjects them to hardship and suffering "until they acknowledge their guilt and seek my face, and in their distress they seek me, saying, "Come let us return to the Lord" (Hosea 5:15b).

"But is all that necessary?" we wonder. "Must God punish us in order to bring us to our senses?" The answer: often, but not always. Sometimes the sheer knowledge that we have sinned or failed in some way is enough to turn us away from our deadly course. Often, our consciences will bring us to our knees in genuine contrition.

"STRICKEN & TORN"

But there are other times when punishment seems to be the only way that God can get our attention. Thus, says Hosea, "he has torn, that he may heal us; he has stricken, and will bind us up" (6:1). In the family we may penalize children in order to motivate them to change their conduct. In the larger society, we have an elaborate—and often not very effective—penal system that is designed to change the behavior of those who break the law.

It would be wonderful, of course, if each of us were so upright and eager to please God that we would never need discipline or punishment. Children would never have to be "grounded" and there would be no need for police, courts or prisons. Obviously, that is a state of affairs we are not likely to see this side of the Kingdom of Heaven.

It should not be so surprising, to us, then to realize that sometimes we must first be "torn" in order that we may ultimately be "healed." If a bone is broken and not set properly, it may have to be broken again so that it can heal properly. If there is a malignancy growing inside us, often we cannot know healing until it is destroyed or removed from us.

So, too, spiritually we may need to be stricken so that God may "bind us up."

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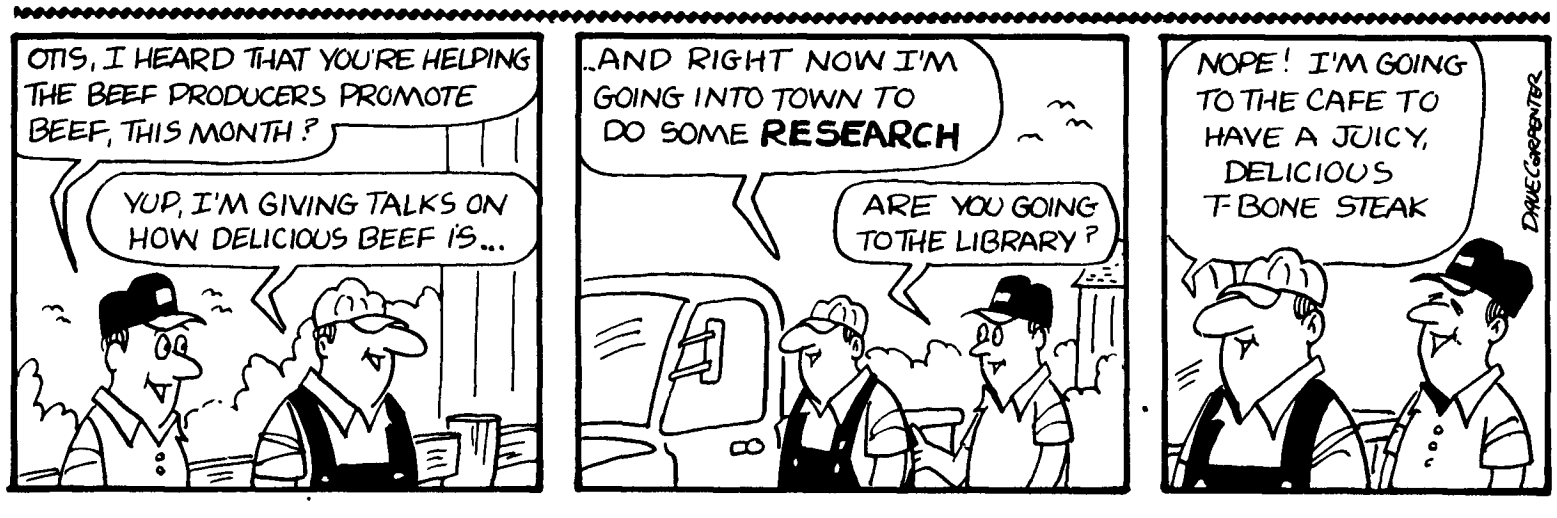
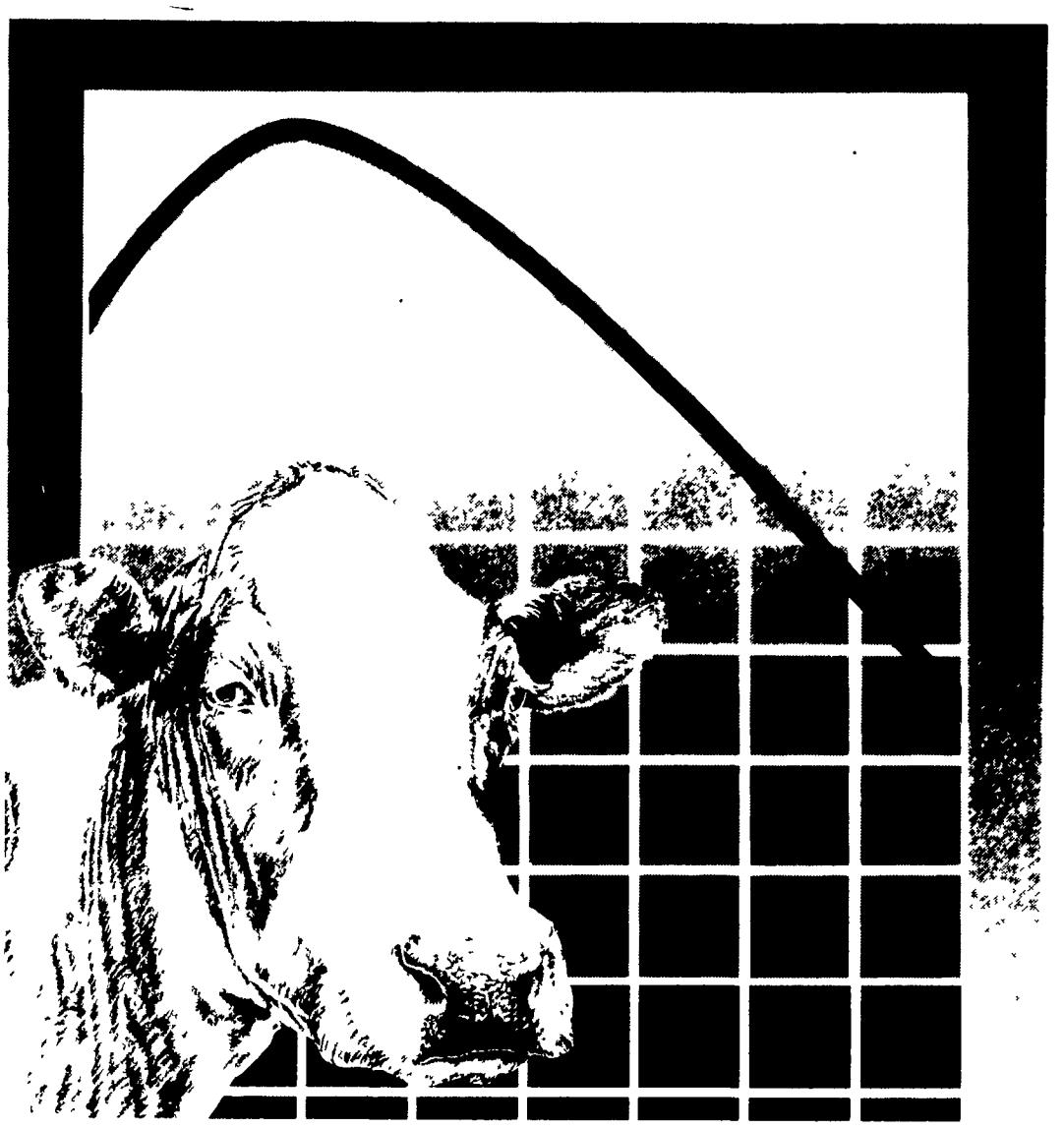

OTIS, I HEARD THAT YOU'RE HELPING THE BEEF PRODUCERS PROMOTE BEEF, THIS MONTH?
YUP, I'M GIVING TALKS ON HOW DELICIOUS BEEF IS...
..AND RIGHT NOW I'M GOING INTO TOWN TO DO SOME RESEARCH
ARE YOU GOING TO THE LIBRARY?
NOPE! I'M GOING TO THE CAFE TO HAVE A JUICY, DELICIOUS T-BONE STEAK
DAVE CARPENTER

HIGHER MILK PRODUCTION CALLS FOR TEAMWORK



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Peach Bottom, PA

Phone 717-548-2376

Dewart Livestock Auction

Dewart, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 182..PDA...Compared with last Monday's market: Slaughter cows strong to $2 higher. High Choice & Prime, individual sl. steers 75.75&76.75, Choice 1070-1260 lbs. 68.75-74.25, few Good 62-66.50, few Good & Choice holsteins 56.75-60.75. Few Choice sl. heifers 65.25-71.25. Breaking Utility & Commercial sl. cows 47-49.60, couple 52.00, Cutter & Boning Utility 44-48.25, Canner & Low Cutter 40.00-44, Shells down to 30.00. Few Yield Grade No. 1, 1325-2100 lbs. sl. bulls 53.50-59.50, couple down to 52.00. Feeder Cattle: Medium Frame No. 1, 430-700 lbs. steers 69.50-79.00. Few Medium Frame No. 1, 460-540 lbs. heifers 61.00-67.00.

CALVES 158...Few Prime vealers 108.00-113, Choice 90.00-105, few Standard & Good 100-115 lbs. 87.00-92, 75-95 lbs. 80.00-89, Utility 50-80 lbs. 68.00-78.00. Farm Calves: Holstein Bulls 90-125 lbs. 90.00-149, mostly 105.00-130, few Holstein Heifers 85-110 lbs. 85.00-122.00.

HOGS 50...Few Lots US No. 2-3 230-245 lbs. barrows and gilts 52.25-55.10, lot 1-3 195 lbs. 50.35. US No. 1-3 315-615 lbs. sows 42.75-47.00. Few Boars 41.00-41.25.

FEEDER PIGS 113...US 1-3 20-30 lbs. feeder pigs 41.00-48.00, 45-60 lbs. 52.00-57.50 — all per head.

SHEEP 0 ...No market test.

GOATS 0...No market test.

Farmers Livestock Auction

Duncansville, Pa.
Mon., May 11, 1987
Report supplied by auction

CATTLE 307. STEERS: H. Choice & Prime 68.50-71.50; Choice 66.00-68.75; Good 63.00-65.75; Standard 48.50-59.25.

HEIFERS: Choice 66.00-68.75; Good 52.00-63.50.

COWS: Utility & Commercial 48.50-53.75; Cutters 45.25-49.75; Canner & Low Cutter 38.50-45.75.

BULLOCKS: Good & Choice 54.50-60.25.

BULLS: Yield Grade No. 1 51.00-57.75.

FEEDER CATTLE: Steers Good 62.50-71.50; Standard 48.50-61.00; Bulls Good 60.50-71.50; Standard 45.00-60.50. Heifers Good 62.50-69.50; Standard 51.00-60.00.

CALVES 310. Prime 103.00-114.00; Choice 96.00-102.50; Good 85.00-94.50; Standard & Good 78.50-86.00; 90-110 lbs. 75.00-88.50; 65-90 lbs. 60.00-84.50; Holstein Bulls 90-130 lbs. 122.00-146.00; Holstein Heifers 90-130 lbs. 100.00-137.00.

HOGS 130. US No. 1-2 54.50-55.75; US No. 1-3 54.00-55.25.

SOWS: US No. 1-3 46.50-50.00. Boars 38.50-40.25.

FEEDER PIGS 44. US No. 1-3 20-35 lbs. 37.50-44.50 per head; No. 1-3 35-50 lbs. 39.00-52.50 per head.

SHEEP 45. Choice 99.00-102.00; Good 85.00-95.00; Sl. Ewes 22.50-32.00; 15 Goats 22.50-57.00 per head.

HAY 3 Loads $64.00-$121.00 per ton.

Central U.S. Carlot

Beef Report
Wednesday, May 13
Report supplied by USDA

Compared to Tuesday's 3:00 p.m. report, Choice 3 steer and heifer carcasses steady except 400-550 lb. heifer not established. Holstein-type steer $1.00-$1.50 lower. Good not established but with a weak undertone noted. Demand very good among packer-processors; very light among straight processors. Movement active on moderate to heavy supplies and offerings.

47 loads of steer carcasses and 25 loads of heifer carcasses traded to packer-processors.

Sales reported on 84 loads of steer and heifer carcasses.

Steer Carcasses:
(54 Loads Reported)
FOB Omaha Basis
Choice 2
600-900 lbs. Unq.
Choice 4
600-900 lbs. Unq.
Good 1-3
600-900 lbs. latest estb. mkt. 100.50 A.
Holstein Type
Choice 1-3
600-900 lbs. range 95.00-96.00, latest estb. mkt. 95.00-95.50.
Good 1-3
600-900 lbs. 12 lds. range 89.00-90.00, latest estb. mkt. 89.00-89.50.
Heifer Carcasses
(30 Loads Reported)
FOB Omaha Basis
Choice 3
550-800 lbs. 30 lds. range 106.00-108.00, latest estb. mkt. 106.00-108.00.
500-550# latest estb. mkt. 103.00 A.
400-500# latest estb. mkt. 102.00 A.
Choice 2
550-800# Unq.
Choice 4
500-800# Unq.
Good 1-3
550-800# latest estb. mkt. 99.00 A.
400-550# latest estb. mkt. 86.00 E.
Steer Carcasses
FOB Amarillo Basis
Choice 4
600-900 lbs. Unq.
Heifer Carcasses
FOB Amarillo
Choice 4
500-800 lbs. Unq.
Steer and Heifer
Primal Cuts
Choice 3
FOB Omaha Basis
Heifer Hinds
119-167# 130.00 A.
Front Quarters
131-183# Unq.
Cow and Bull Carcasses
(23 Loads Reported)
Midwest: Prices 1.00-2.00 higher.
Eastern Texas and Oklahoma: No recent test for comparison. Most sales to the West Coast.
Sales in the Midwest
Production Area
Util, Brkg. 2-4 450/Up# 2 lds. 71.00-72.00.
Util., Bng. 1-3 400/Up# Unq.
Util., Bng. 1-3 500/Up# 3 lds. 79.00.
Cutter Bng. 1-2 350/Up# 5 lds. 85.00-85.50.
Cutter Bng. 1-2 400/Up# 2 lds. 87.00.
Bull Bng. 1-2 500/Up# Unq.
Bull Bng. 1-2 600/Up# Unq.
Sales in Eastern Texas and Oklahoma Production Areas
Util., Brkg. 2-4 450/Up# 3 lds. 72.00-73.00.
Util., Bng. 1-3 400/Up# 6 lds. 79.00.
500/Up# Unq.
Cutter Bng. 1-2 350/Up# Unq.
Bull 1-2 600/Up# 2 lds. 91.00-92.00.
Boneless Processing Beef
Beef Trimmings
(124 Lds. Reported)
FOB Omaha Basis
90% Chem Lean 23 lds. fresh 112.00-113.50, 3 lds. frozen 112.00.
85% Chem Lean fresh 4 lds. 104.00-105.00, frozen Unq.
75% Chem Lean 3 lds. fresh 88.00-89.00, frozen Unq.
65% Chem Lean fresh Unq.
50% Chem Lean 51 lds. fresh 60-65, M 62-63, 3 lds. frozen 60.00.
50% Chem Lean Unq. boxed.
Bnls. Bull 92% Unq.

Eastern Texas/Oklahoma Production Areas—FOB Plant
90% Chem Lean 28 lds. fresh 112.50-114.00, M 113, 6 lds. frozen 111.00-113.00.
85% Chem Lean 3 lds. fresh 104.50-105.00, frozen Unq.
75% Chem Lean fresh Unq., frozen Unq.

ABCDE after market quotes represents days since last actual market test. Quotes will be dropped after 5 days of no test or before if they no longer reflect current market conditions.**

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, May 12
Report supplied by Auction

Beef Cows: Utility and Commercial 46.50-50.00; Cutters 44.25-46.00; Canners 40.25-43.00; Shells 35.50.

Heifers: Good 62.00-65.75; Standard 58.00-61.00; Commercial 52.00-57.00.

Steers: Choice 64.00-68.50; Good 54.00-62.00; Standard 46.00-53.00.

Bulls: Good 55.75-60.25; Standard 49.00-53.50.

Feeder Cattle: 300-500 lbs. large frame 58.00-70.00; 300-500 lbs. small frame 49.00-55.00; 500-700 lbs. large frame 54.00-69.00; 500-700 lbs. small frame 50.00-56.00.

Veal Calves: Good 95.00-105.00; Standard 81.00-94.00; Utility 69.00-80.00.

Farm Calves: Bulls 102.00-162.00.

Hogs: 51.00-53.25.

Sows: 43.00-46.75.

Boars: 33.00-36.00.

Shoats: 25-30 lbs. per head 29.00-32.00; 30-35 lbs. per head 34.00-45.00.

Lambs: 90.00-101.00.

Sheep: 15.00-30.00.

Goats per head: 15.00-40.00.

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Philadelphia Vegetables

Thursday, May 14, 1987

ASPARAGUS ABOUT STEADY CALIF 30-lb crt & ctn wide range in qual & price jbo 18 00 fair cond 10 00 lge 15 00-18 00 Long Green lge 15 00 few 16 00 WASH 30-lb crt WAExFcy 8-9" cut lge 19 00-21 00 NJ pyramid crt field run bchd 12s med-lge few 16 00 MD 1-1/9 buctn field run loose few 12 00 some low as 10 00

BEANS-FAVA CALIF 25-lb crt 12 00-14 00

BEANS-GREEN SLIGHTLY LOWER FLA various bu containers Round Green type 16 00-18 00 mos 18 00 Handpicked 20 00-22 00 few 18 00 occ hgr

BEETS TEX ctn bchd 12s 6 50 25-lb film bags topped 4 50

BROCCOLI ABOUT STEADY CALIF ctn bchd 14s 7 00-8 00 few 6 50 18s 7 50-8 50 mps 7 50 few 7 00 one label 9 00 ord cond 2 00-3 00

CABBAGE ABOUT STEADY 1-3/4 buctn & crt medium Green unless otherwise stated FLA 7 50-8 00 mos 8 00 Savoy poor-fair cond 2 00-5 00 TEX 7 00 some hgr GA 7 50-8 00 NETHERLANDS 50-lb sks 11 00

CARROTS SUPPLIES LIGHT 48 1 lb film bags in film sacks CALIF med-lge few 8 50-9 00 FLA med few 7 00-8 00 mos 7 50-8 00 50-lb sacks loose jumbo FLA few 12 00 ctn bchd 24s CALIF 10 50

CAULIFLOWER ABOUT STEADY ctn film wrpd CALIF 9s 9 50-10 00 mos 10 00 12s 10 00-12 00 mos 12 00 FLA 12s 9 00-10 00

CELERY SUPPLIES LIGHT CALIF ctns 2 doz few 17
3 doz few 16 00 FLA crt & ctn 2 doz 13 00 2 1/2 doz 11 00-13 00 mos 12 00-13 00 one lot high as 15 00 film wrpd 15 00 3 doz 13 00-13 50 4 doz 12 00-12 50 few hgr Hearts film wrpd 24s 12 00

CHINESE CABBAGE FLA celery crt 14.00 CALIF Nappa 50-lb ctn few 14 00 30-lb ctn 7 00-8 00 Bok Choy 30-lb 7 00- 8 00

CORN ABOUT STEADY FLA wirebound crt approx 4-1/2 doz Yellow 8-8 50 few 7 00 White 7 00- 8 50 mos 8-8 50 few 9 00

CUCUMBERS 1-1/9 buctn Waxed med unless otherwise stated FLA 20 00-22 00 mos 20 00 fair appear 18 00 fair qual 15 00-17 00 mos 16 00 ord qual 12 00-14 00 lge 9 00-10 00 fair cond 5 00

EGGPLANT SUPPLIES LIGHT FLA bu & 1-1/9 buctn fair qual few 5 00-6 00 Italian type 10 00

ENDIVE ABOUT STEADY FLA 1-1/9 bucrt 7 00-8 00 mos 7 00 few 6 00 CALIF ctn 24s 9 50

ESCAROLE ABOUT STEADY FLA 1-1/9 bucrts 5 50-7 00 mos 6 00

GREENS crates approximately 1 1/2 bu bchd unless otherwise stated NJ Mustard & Turnip Tops 5 50-7 00 mos 6 00 Collards 8 50 Broccoli Rabe few 6 00 Dandelion 16s few 6 00 NC Kale 7 50 fair cond Mustard, Turnip Tops & Rape 6 00 GA Collards 7 00-8 00 mos 8 00 TEX Collards 7 00-8 00

LEEKS ABOUT STEADY NJ crt bchd 12s 6 00 few 6 50-7 00 CALIF ctn bchd 12s few 8 00

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated CALIF 7 00-8 50 few 9 00 fair cond 5 50-6 00 poor-ord cond 2 00-4 00 film wrpd fair cond 8 00 poor cond 2 00-4 00 ctn 30s poor cond 2 00-4 00 ROMAINE ABOUT STEADY CALIF 24s ctn 7 00-9 00 crt 10 00-11 50 FLA ctn 24s 4 00-6 00 BIG BOSTON CALIF ctn 24s 7 00 FLA crt 24s 6 00 BIBB FLA ctn 24s 6 00 NJ sml crt 24s few 4 00 LEAF CALIF ctn 24s including Red 7 00-9 00 mos 8 00 poor cond 1 00-2 00 FLA crt 24s 6 00

OKRA SUPPLIES INSUFFICIENT TO QUOTE

ONIONS-GREEN ABOUT STEADY NJ crt bchd 36s 6-6 50 CALIF ctn bchd 48s 6-6 50 MEXICO ctn bchd 48s 6 00-7 00 few 7 50

PARSLEY STEADY bunched 5 dozen Curly unless otherwise stated FLA crt Plain few 9 00 TEX ctn 8 00 NJ bubkts 6 00-7 00 CALIF ctn 8 50

PEAS-GREEN CALIF buctns few 16 00

PEAS-SOUTHERN NO SUPPLIES

PEAS-SUGAR ABOUT STEADY 10-lb crts & ctns per lb CALIF including via air 80-1 00 mos 90 cents Sugar Snaps ord cond 50 cents GUATEMALA 1 10-1 20

PEPPERS ABOUT STEADY 1 1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FLA med-lge/lge 12 00-15 00 mos 12.00-14 00 med 8 00-10 00 sml-med 7 00- 8 00 sml 5 00-7 00 very sml 4 00-5 00 Mixed Red med/med-lge 6 00-7 00 mos 7 00 sml 4 00-5 00 Yellow med few 25 00 NETHERLANDS 5 kilo ctn Red & Yellow lge 30 00 Orange lge 43 00

RADISHES ABOUT STEADY FLA ctns Red 30-6 oz film bags 3 50-4 00 few 3 00 14-1 lb film bags 3 50-4 00 mos 4 00 NJ 4/5 bucrts Red bchd 36s 6 00-7 00 mos 7 00 PA 4/5 bucrts Red bchd 36s 6 00 CALIF ctn Red bchd 24s few 5 00 MEXICO ctn Red bchd 24s few 6 00

RHUBARB WASH 20-lb ctn ExFcy 10 00

SPINACH ABOUT STEADY Savoy type NJ bubkt 4 00-5 00 fair cond 3 00 PA 1 1/4 bucrt few 3 3 50 flat type CALIF ctn bchd 24s 7 00

SQUASH ABOUT STEADY FLA 1/2 & 5/9 bucrts & ctns Zucchini sml-med 5 00-7 00 mos 6 00 med 4 00-5 00 mos 4 00 Yellow Straightneck sml-med very few 16 00 med 10 00- 12 00 one lot very few 14 00

SWEET POTATOES ABOUT STEADY 50-lb ctn Jewel type cured NC 16 00 one label 18 00 ord qual 8 50-9 00 lge 13 00

TOMATOES HIGHER 25-lb ctn Pink to Light Red 85% US#1 or better unless otherwise stated SALES BY REPACKERS FLA 5x6s 11 50 6x6s 10 50 SALES BY OTHERS FLA 5x6s 12 00-14 00 6x6s 11 00-12 00 6x7s 10 00 PLUM TYPE MEXICO lugs 12 00 CHERRY TYPE 12-1 pint flats MEXICO one label 15 00 fair cond 4 00-5 00

TURNIPS FLA topped 25-lb film bags med 7 00 CALIF topped 25-lb film bags med 7 50

RADISHES ABOUT STEADY carton Red 30-6 ounce film bags FL 4-450*

SPINACH ABOUT STEADY Savoy type TX bushel baskets 700-800 carton bunched 24s 9-950 flat type CA carton bunched 24s 800*

SQUASH SUPPLIES LIGHT FL 1/2 bushel carton Zucchini & Yellow Straightneck Supplies insufficient to quote MEXICO lugs Zucchini small-medium one lot 10 00-12 00 medium one lot 600-700*

SWEET POTATOES 50-lb carton Jewel type cured NC 13 00-14 00*

TOMATOES ABOUT STEADY 25-lb cartons Pink to Light Red US combination grade or better unless otherwise stated Sales by Repackers FL one lot 5x6s 11 00 6x6s 900 Sales by Others FL 5x6s 11 00 6x6s 700-800 fair quality 5x6s few 10 00 6x6s 650-700 MEXICO 2-layer flat 4x5s 900 5x5s 700-800 5x6s 600-700 3-layer lugs 6x6s 700 Cherry Type 12 1 pint flats MEXICO 900*

TURNIPS topped NJ 25-lb mesh sacks medium 450*

Leesport Livestock Auction

Leesport, Pa.
Wednesday, May 13, 1987
Report Supplied by PDA

CATTLE 300...PDA... Supply included 38 head feeder cattle. Compared to last Wednesday's market: Slaughter steers unevenly steady; Cows .50 to $1 higher. Few High Choice & Prime 1100-1500 lbs. sl. steers 72.50-75, Choice 950-1335 lbs. 62.75-71, few 73.50, Good 62.00-68, Good & Choice 1200-1600 lbs. holsteins 57.25-63.25, few Standard 56.00-61.00. Choice 950-1135 lbs. sl. heifers 61.00-67, Prime, one 70.50, Good 54-60.10, few Standard 50-55.25, few Utility 43.50-46.50. Breaking Utility and Commercial sl. cows 47.50-51, few 55.75, Cutter & Bon. Utility 44.25-48.75, few 49.75, Canner & Low Cutter 40.25-44, Shells down to 35.00. Good & Choice sl. bullocks 55.25-63.75, few 69.25, few Standard 54.50-56.75. Few Yield Grade No. 1, 1500-1800 lbs. sl. bulls 54.00-60, couple No. 2, 900&965 lbs. 48&50.75. Feeder Cattle: Lot Medium Frame No. 1, 630 lbs. steers 69.50, few Large #2, 430-600 lbs. 63.00-65.00. Few Medium Frame No. 1, 300-485 lbs. heifers 65.00-72.00. Few Large Frame No. 1, 430-800 lbs. bulls 54.00-60.00.

CALVES 106...Few Choice vealers 88.00-102, individual Prime 107.00, few Standard and Good 85-110 lbs. 65.00-79, few 75-85 lbs. 59.00-65.00. Farm Calves: Holstein Bulls 90-140 lbs. 118.00-136, few down to 85.00, few Hols. Heifers 85-105 lbs. 87.00-92.00. Few Beef cross bulls & heifers 70-115 lbs. 70.00-115.00.

HOGS 363...Barrows and Gilts steady to .75 lower. US No. 1-2 200-240 lbs. 55.50-56, lot 56.50, 1-3 205-255 lbs. 53.75-55.50, few 56.00, few 190-200 lbs. 49.85-50, lot 53.00, 2-3 215-265 lbs. 53.10-54.25, lot 265 lbs. 51.55, few 1-3 165-180 lbs. 45.50-50.50. Sows steady to $1 higher. US No. 1-3 300-500 lbs. sows 43.00-46, 500-685 lbs. 46-47.75, few Medium 300-420 lbs. 35.00-42.75. Few Boars 35.00-37.00.

FEEDER PIGS 209...Two Lots US No. 1-3 25 lbs. feeder pigs 145.00&165, 30-40 lbs. 125.00-132.50, 40-60 lbs. 105.00-117, few 60-75 lbs. 94.00-104.00 — all per hundredweight.

SHEEP 68...Choice 45-60 lbs. spring sl. lambs 100.00-110, 40-65 lbs. 85.00-96, few 70-80 lbs. 95.00; Good & Choice 25-35 lbs. 112.50-127.50. Few Slaughter sheep 25.00-32.00.

GOATS 27...Large Adults 33.00-48.00, one 53.00, Large Kids 22.00-35.00, few Small Kids 15.00-21.00 — all per head.

Carlisle Livestock

Carlisle, Pa.
Tuesday, May 12, 1987
Report Supplied by Auction

CATTLE: Steers: Active! 2.00 higher. Choice 2&3's 68.50-71.10; Good 64.00-68.00; Medium 61.25-63.50. Holsteins 1.00 higher. Choice 60.00-64.00; Good 56.75-59.50; Medium 55.00 & Down.

HEIFERS: Active. Choice None offered; Good 58.00-64.75; Medium 55.00 & Down. Cows: Strong Demand! 2.00 higher. High Yield 49.00-51.00; Good 46.25-48.85; Medium 44.50-46.00; Big Middle 42.00-48.00; Fatty Herf. Couple Shelly 41.50 & down. Fat Bulls mostly steady; Medium-Good 52.00-56.75.

FEEDER CATTLE: STEERS: 300-550 lb. 2.00 higher. Choice Holsteins 66.00-70.00; Good Holsteins 61.50-66.00. Steers 600-850 lb. mostly steady. Choice Holsteins 63.50-69.00; Good Holsteins 58.50-63.00; couple Medium Holsteins 57.00 & Down. Heifers (All weights) mostly Holsteins offered. Choice 62.00-63.50; Good 56.00-61.00; Medium 51.50-55.50. Bulls (all weights) mostly Heavy's offered. Medium-Good 55.00-63.00.

VEAL CALVES: Active. Choice 90.00-105.00; Good 80.00-91.50; Medium 73.00-82.00; Few Light/Weak 72.00 & Down. Farm Bulls 95.00-135.00.

HOGS: Barrows & Gilts Strong Demand! 2.50 Higher. US No. 1-3 210-250 lbs. 56.00-57.00; Over 260 lb. 54.50-55.50; 2 & 3's (all weights) 45.00-54.50.

SOWS: Active 2.00 higher. Over 450 lb. 46.25-47.75; Under 450 46.25-49.00; 2 & 3's 41.00-45.50.

BOARS: Heavy 39.50-39.75; Light 45.00-48.50.

FEEDER PIGS (by the hd) (20-30 lbs. 30.00-32.00); (30-50 lbs. 35.00-52.00).

SHEEP: Lambs Active on Good Run. Choice 95.00-110.00; Good 79.00-91.00. Ewes & Bucks 18.00-42.00; Goats (Lg.) 52.50-85.00 (Hd) Sm/Med. 23.00-46.00 (hd.)

Sale every Tues. evening 7:00 PM for Livestock; 5:30 PM for Rabbits, Poultry & Eggs.

Westminster Livestock

Small Animals, Eggs, Produce
Tuesday, May 12, 1987
All Prices Per Head

Crates Sold 164.

DUCKS: Large Drakes 5.00-8.00; Hens 4.00-5.00; Ducklings 1.25-2.50.

GEESE: 10.00; Goslings 3.25.

GUINEAS: Pigeons 2.00; Doves 6.50.

CHICKENS: Heavy Hens 2.50-3.25; Peeps .60-1.70.

RABBITS: Large 4.00-6.00; Fryers 3.00-4.75; Small 1.85-3.00; Bred Does 6.00-7.50; Angoras 9.00-11.00.

Eggs 1185 doz. All Prices Per Dozen.

Jumbo Brown .50-.70; Extra Large Brown .35-.46; Large Brown .25-.35. Medium Brown .14-.20; Small Brown .16.

Extra Large White .30-.39; Large White .15-.25; Medium White .12-.17; Small White .14.

DO YOU WANT MORE FARM INCOME?

WE NEED SEVERAL NEW 1000 & 2000 HEAD FINISHING FLOORS

WE PROVIDE
- A Strong Long-Term Contract
- Our Own Hi-Bred Feeder Pigs
- Weekly Service
- New Concept In Hog Finishing
- Building Design

(Within a 70 Mile Radius of Lancaster, PA)

WE ARE LOOKING FOR YOU

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Swine Production
HERSHEY AG SERVICES
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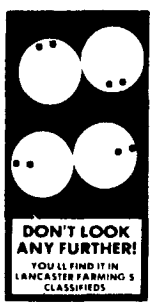
1-800-544-4574
R.D. #1, Box 139
Marietta, PA 17547

Fine Quality Feeds
Esbenshade Mills
RD 3, BOX 345, MT JOY, PA 17552

ATTENTION PRODUCE BUYERS!
Shippensburg Produce Auction will be open for sales
May 26, 1987 at 11:00 a.m.
Will be open EVERY Tuesday, Thursday, and Saturday there after until further notice. All Produce Growers & Buyers Are Welcome!
SHIPPENSBURG PRODUCE AUCTION
1 mile North of Shippensburg on US Rt. 11
Weekday Hours: 8 a.m. to 8 p.m.
Saturday Hours: 8 a.m. to 5 p.m.
Closed Sundays
717-530-1700



POOL PUMP SALE
See EECO Ad Pg. C-34

Estimated Daily Livestock Slaughter

Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Thursday 5/14/87				
Week To Date (Est.)	509,000	39,000	1,118,000	72,000
Same Pd. Lt. Wk. (Est.)	478,000	39,000	1,116,000	73,000
Same Pd. Lt. Yr. (Act)	543,000	47,000	1,224,000	78,000

Central U.S. Carlot

Pork Report
Wednesday, May 13
Report supplied by USDA

Compared to Tuesday's 3:00 P.M.: Fresh pork loins 14-18# 3.00-5.00 lower; Boston butts steady to 8.00 higher; skd. hams 2.00-6.50 lower; sdls bellies 2.00-5.50 lower. Trade slow to moderate for light demand and offerings.

US No. 2 175 lb. hog carcass declined 1.12 to 74.51 per cwt.

Loads pork cuts 33.50.

Loads Trim/process Pork 7.50.

Pork Cuts
FOB Omaha Basis
Loins, Regular, Fresh

14-18 lbs. 2.5 lds. 123.00-127.00.
18-22 lbs. .5 lds. 125.00.

Tenderloins

2/Bag .5 lds. 280.00.

Picnics

4-8 lbs. 52.00-54.00 E.

Boston Butts

4-8 lbs. 1 lds. 94.00.

Spareribs, Fresh

1.5-3.5 lbs. .5 ld. 154.00-157.00.
3.5-5.5 lbs. .5 lds. 135.00.

Spareribs, Frozen

1.5-3.5 lbs. 4 lds. 149.50-154.00.

Loin Backribs

1.5/Dn lbs. 310.00 A.
1.75/Dn lbs. 305.00 A.

Hams, Skinned Fresh

14-17 lbs. .5 lds. 70.00.
17-20 lbs. 6.5 lds. 70.00-71.00.
20-26 lbs. 2 lds. 69.00.
26-32 lbs. 74.50 A.
32/Up 73.50 A.

Bellies, Sdls, Skin On, Fresh

10-12 lbs. 63.00 A.
12-14 lbs. 5.5 lds. 65.00-67.00.
14-16 lbs. 4.5 lds. 65.00-67.00.
16-18 lbs. 2 lds. 61.00-63.00.
18-20 lbs. 3 lds. 58.50-59.50.
20-25 lbs. 55.50 A.

Bellies, Sdls, Skin On, Frozen

10-12 lbs. 61.50-62.00 A.

Pork Trimmings/ Boneless Processing Pork (Chemical Lean)

Combo 42% Fresh 2.0 lds. 56.00.
Boxed Frozen 49.50 A.
Combo 72% Fresh 1 ld. 79.50.
Boxed Frozen 2.5 lds. 82.00-82.25.

Boneless Picnics

Combo 72% Fresh 2 lds. 81.50.

ABCDE After Market Quotes Represent Days Since Last Actual Market Test. Quotes Are Dropped After 5 Days Of No Test Or Before If They No Longer Reflect Current Market Conditions.

East Coast Carlot

Wednesday, May 13, 1987
Report supplied by USDA

Compared to Tuesday's close: Choice and Prime special fed veal generally steady. Supplies of Good and Choice boning veal extremely light, 12.00 higher in very narrow test; no sales reported for in-shipped. Compared to last week, Choice and Prime spring lamb steady to 5.00 higher.

Veal Carcass-Hide On
Choice & Prime
(Special Fed)
160 Head

220-280 lbs. 177.00-185.00, generally steady.

Good and Choice
Boning Type-Hide On
Northeastern Suppliers
50 Head

65-75 lbs. few 115.00, 12.00 higher; 55-65 lbs. few 113.00; 45-54 lbs. few 111.00; 35-44 lbs. few 109.00; 34 lbs. down few 107.00.

Inshipped
Not Established
Spring Lamb
Choice & Prime
7 Loads

Compared to last week 55 lbs. down 180.00 steady; 55-65 lbs. 172.00, 2.00 higher; 65-75 lbs. 167.00, 5.00 higher.

Valley Livestock

Athens, Pa.
Monday, May 11, 1987
Report supplied by auction

Holstein Hfr. Calves 75.00-100.00.
Veal Calves 75.00-93.00.
Vealer Bull Calves 90.00-138.00.
Slaughter Calves 68.00-80.00.
Grassers & Feeders 45.00-70.00.
Lambs 65.00-100.00.
Sheep 25.00-42.00.
Hogs, 200 to 250 50.00-56.50.
Sows 42.00-47.00.
Boars 34.00-36.00.
Pigs 35.00-58.50.
Heifers 44.00-47.00.
Steers 46.00-57.00.
Steers, feeder 50.00-70.00.
Bulls 50.00-57.00.
Cows, utility 46.00-52.00.
Cows, fat 45.00-48.00.
Cows, medium 44.00-46.00.
Cows, poor or small 36.00-42.00.
Cattle Market higher.
Calf Market steady.
Horses each to 260.00.
Ponies each to 65.00.
Goats each to 44.00.

Remarks: Prices higher on all livestock.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

National Sheep Summary

Thursday, May 14, 1987

SLAUGHTER LAMBS 2 00 HIGHER AT MIDWEST MARKET CENTERS AT FORT COLLINS, CO SPRING SLAUGHTER LAMBS 1 00-3 00 HIGHER, SLAUGHTER EWES STEADY, SPRING FEEDER LAMBS 2 00-6 00 HIGHER AT OKLAHOMA CITY,OK SPRING SLAUGHTER LAMBS STEADY TO 2 00 HIGHER, SPRING FEEDER LAMBS STEADY IN THE MIDWEST SLAUGHTER EWES AND FEEDER LAMBS STEADY IN DIRECT TRADING SLAUGHTER LAMBS STEADY TO 2.00 HIGHER IN THE MIDWEST WEDNESDAY ON THE EAST COAST DRESSED CARLOT LAMB STEADY TO 5 00 HIGHER

SLAUGHTER LAMBS CHOICE AND PRIME 90-120 LBS. MIDWEST SPRING 88 00-90 00, OLD CROP SHORN 86 00-88 00 OKLA CITY SPRING 87 50-90 25 FT COLLINS SPRFING 90 50-96 00, OLD CROP WOOLED 86 00

DIRECT TRADE (LAMBS FOB WITH 3-4% SHRINK) MIDWEST 700 SLAUGHTER LAMBS CHOICE AND PRIME SPRING 100-110 LBS 90 00-94 00, FEW 94 50 OLD CROP SHORN 110-120 LBS 90 00 CA 400 SPRING SLAUGHTER LAMBS CHOICE AND PRIME 100-115 LBS 86 00 DELIVERED 500 CHOICE YEARLING EWES 110 00 PER HEAD 600 GOOD 5-6 YEAR OLD EWES 60 00 PER HEAD WA/OR 500 SLAUGHTER LAMBS CHOICE AND PRIME SPRING 108 LBS 87 00, OLD CROP SHORN 130 LBS 80 00

SLAUGHTER EWES MIDWEST UTILITY AND GOOD 18 00-22 00, CULL 15 00-18 00 FT COLLINS UTILITY AND GOOD 21 00-25 50, CULL 17 00-21 50

DESERT ION-MIN

All-Natural **ACTIVE** Prehistoric Desert Polysilicates
A **TESTED** and **PROVEN** supplement with over 30 years of results

RESEARCHED BY:
- N.A.S.A. Manned Spacecraft Center
- University of California
- Texas A & M University
- Colorado State University
- U.S. Fish & Wildlife Commission
- Independent Laboratories

EFFECTIVE AS:
- Powerful Detoxifier
- Internal Parasite Cleanser
- Source of Numerous Colloidal Trace Minerals
- Feed Conversion Catalyst
- Buffer (Upper and Lower Gut)
- Neutralizes Pathogenic Bacteria

ION-MIN is an excellent, **VERY ECONOMICAL** stress-fighting feed additive that does wonders for **BEEF** cattle, **DAIRY** cows, **PIGS, POULTRY,** horses, sheep, dairy goats, dog kennels, fish hatcheries.

TERRITORIES FOR DISTRIBUTORS/DEALERS NOW AVAILABLE!

"For Your Nearest Distributor Contact:"

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(215) 588 8150

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 148 Loader for a 2640 or 2840 Tractor . . . **$2,850**
JD 4430 Quad Range, Sound Guard **$14,950**
IH #656 Diesel, Hydro, Sharp
JD 2350 MF WD w/240 Self Leveling Loader, nice
JD 3020 Gas, Side Console **$5,850**
JD 2840 . . . . . **$11,500**
JD 2020 Gas Utility Hi-Lo. **$5,450**
JD 4520 Power Shift, Cab, Air. **$11,900**
JD 4020 Narrow Front, Syncro **$8,350**
JD 4010 Narrow Front, Syncro **$4,750**
Leyland #154 Gas, w/Loader
JD 4020, Wide Front, Power Shift, Dual Outlet. **$8,950**
JD 3020 Narrow SOLD Power Shift, Sharp

TILLAGE:

JD 1450 5x16 Plow **$1,950**
JD F845 Roll Over Plow (New). **$2,850**
Brillion 9' Packer **$425**
JD 14' TWA Plowing Disc. **$2,450**
Brillion 16' Packer w/Bridge Hitch. **$1,850**
JD BWF 18' Wing Fold, A1 . . . . . **$3,450**
JD 2500 5-18" Auto Reset Plow **$3,250**
JD 1450 5-18" Plow, Sharp **$1,950**
JD RM 4 Row Cultivator **$975**
JD RM 6 Row Cultivator **$1150**
Glencoe 16' Field Cultivator **$1,450**
JD F125 4-16" Plow. **$950**
JD F125 3-16" Plow. **$575**
JD 1450 4-16" Semi-Mount Plow **$1,400**
Brillion 14' Packer w/Transport Model TP . **$2,150**
JD 16' Wing Fold Field Cultivator **$1,450**
White 12' Field Cultivator, A1 . . . . . **$1,450**
JD BWF 18' Wing Fold Rock Flex **$2,650**
Brillion 16' Packer w/Transport, small wheels
JD 2350 18" On-Land Plow, like new **$2,450**
Oliver 6-16" Cushion Trip Plow. . **$550**
Brillion 16' Packer w/Transport **$1,950**
JD BW 10' Disc **$850**
IH 12' Transport Disc. . . **$950**
JD 3 Section SOLD Row **$100**

MISCELLANEOUS:

18 4x38 Direct Axle Dual Wheels
14.9x38 Direct Axle Dual Wheels
14.9x26 T-rail duals
Best Land Ro SOLD ker . . **$1,850**
Owatonna stack wagon, model #540 **$3,450**
JD 18 4x38 Direct Axle Duals . . **$1,250**
JD 6000 Hi Cycle Self Propelled Sprayer
JD 863 10' Front Dozer Blade for 30 & 40 Series, articulate 4 wheel drive tractors **$2,650**
Hudson 14' Tandem Axle Trailer . **$1,250**
JD 660 Tandem Axle Spreader, sharp
NH 676 Tandem Axle Spreader
Donahue 28' square frame implement trailer, sharp . . . **$2,150**
JD 640 Rake SOLD

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer
MUST MOVE. CALL FOR PRICE
(Dealer Inquiries Welcome)

Coming in . . .
JD 4010 Diesel Tractor, Wide Front
JD 2500 6-18" Plow
JD F350 5-16" Hyd Reset Plow
JD 213 Flex-Head
JD 4400 Rotary Screen Diesel
JD 10' AW Disc, sharp
JD 1300 6 Row Planter, sharp
JD B Tractor w/Mower & Cultivator
JD 575 Skid Steer Diesel, almost new

WE ARE AN AUTHORIZED DOEBLER'S SEED CORN DEALER.
DOEBLER'S Hybrids
SEE US FOR YOUR SPRING REQUIREMENTS

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head . **$2,650**
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.
NI 324 2 Row Wide 12 Row 327 bed . . **$3,950**
NI 818 combine with 13' flex head. Sharp
NI 2 row narrow, pull type picker. . . . **$3,950**
(1) #343 3 Row 30"
#244 Corn Head
#244 Corn Head
13' Grain Table
(2) #444 Corn Heads
15' Flex Head, Black Reel
NI 2 row narrow w/sheller, A1 . . **$3,950**
JD 444 Corn Head
653A 6 Row Bean and Sunflower Head
NI 321 1 Row Corn Picker **$2,750**

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD #1010 12½' Pull Type Field Cultivator **$2,250**
JD #940 12½' S-Tine Pull Type Field Cultivator **$1,875**

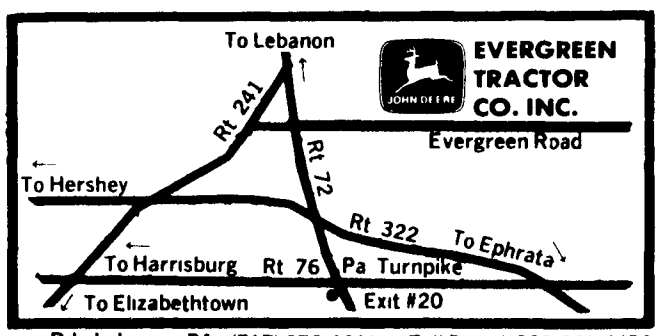
HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester . **$2,450**
Gehl #72 Flail Chopper **$2,450**
NH P U Attachment . . **$575**
JD 15 Chopper . . **$450**
Gehl #72 Flail Chopper, sharp . **$2,450**

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D D
IH #10 15 Hole Drill, Sharp **$1,475**
JD 20x7 Model B Plain Drill, Double Disk **$1,850**
JD 1440 4 Row No-Till Plante , nice **$2,450**
JD 7000 6 row 30" Planter
JD 7000 4 Row C SOLD vation Planter

SPECIAL
NEW 16' 3 BEATER
ARTSWAY FORAGE WAGONS
$3,450.00 each



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 287...PDA. Compared with last Monday's market: Slaughter cows mostly $1 higher. Few Choice sl. steers 66.50-66.75, few Good 64.50-65.50, few Standard 53.00-58, few Utility 48.75-52.00. Few Choice sl. heifers 63.00-69, one 72.00, few Good 56.50-58.50, few Standard 49-55.25. Breaking Utility & Commercial sl. cows 46.75-50, one 51.50, few yield grade 4-5, 44-46.75, Cutter & Bon. Utility 43.00-48, few high dressing 48-49.50, Canner & Low Cutter 37-43.50, Shells down to 31.00. Few Yield Grade No. 1, 1300-1940 lbs. sl. bulls 53.75-57.75, one No. 2 1575 lbs. 49.00. Feeder Cattle: Few Medium Frame No. 1, 415-635 lbs. steers 61.00-68, Med. & Large #1, 700-1035 lbs. 56-62.50. Few Medium Frame No. 1, 415-540 lbs. heifers 58.50-63.50, few Medium #2, 390-650 lbs. 54.50-64.50. Few Medium 1, 315-385 lbs. bulls 74.00-85.50, Med. & Large #1, 445-650 lbs. 59-69.50, few 640-835 lbs. 52.50-55.00.

CALVES 236...Prime vealers, individual's 110.00, Choice 94.00-107, few Good 78.00-90, Standard and Good 90-135 lbs. 73.00-85, 65-85 lbs. 63.00-75, Utility 50-80 lbs. 49.00-58.00. Farm Calves: Holstein Bulls 90-130 lbs.100.00-149, lot 85 lbs. 85.00; Holstein Heifers 90-120 lbs. 74.00-95.00. Beef Cross Bulls and Heifers 80-130 lbs. 75.00-92.50.

HOGS 418...Barrows and gilts $2.50 to $3 higher. US No. 1-3 215-265 lbs. 54.00-56, 2-3 215-285 lbs. 52.00-54.25, few 1-3 200-210 lbs. 50.00-52.00. Sows $1.50 higher. US No. 1-3 330-595 lbs. sows 44.50-49.50 Boars 36.50-43.00.

FEEDER PIGS 8...Few US No. 1-3 40-55 lbs. feeder pigs 40.00-59.00 — all per head.

SHEEP 165...High Choice and Prime 70-90 lbs. spring lambs 95.00-106,few 115-120 lbs. 85.00-90, Choice 60-90 lbs. 85.00-98, Good and Choice 35-75 lbs. feeder lambs 75.00-85.00. Slaughter ewes 8.00-22.00.

GOATS 15...Medium & Large 15.00-31.00, Kids 11.00-20.00 — all per head.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, May 12, 1987
Report Supplied by PDA

CATTLE 345...PDA...Compared with last Tuesday's market: Slaughter Steers $3 to $4 higher; Cows $1 higher. High Choice & Prime sl. steers 75-77.40, few 78.00, Choice 67.50-75, Good 63.00-69, Standard 55-62.50. Few Choice sl. heifers 65-69.25, one 71.00, few yield grade #4, 61.00-65, few Good 59.25-63.50, few Standard 54.50-59.50, couple Utility 46.00&47.00. Breaking Utility & Commercial sl. cows 47.00-51, couple 52.00&52.85, Cutter & Boning Utility 44-47.50, Canner & Low Cutter 37-44.50. Yield Grade No. 1, 1060-1865 lbs. sl. bulls 55.00-60, one 2425 lbs. 62.00, No. 2, 990-1225 lbs. 49-53.50. Feeder Cattle: Few Medium Frame No. 1, 405-575 lbs. steers 62.00-71, Med. & Large #1, 615-875 lbs. 57.00-67.00. Medium Frame No. 1, 350-650 lbs. heifers 57.00-66, Med. & Large #1, 700-900 lbs. 45.00-55.25. Medium & Large Frame No. 1, 600-895 lbs. bulls 50.00-58.00.

CALVES 86...Choice, individual vealers 89.00&90, few Good 80.00-86, Standard and Good 90-120 lbs. 80.00-89, 60-85 lbs. 61.00-79, Utility 50-135 lbs. 53.00-60.00. Farm Calves: Holstein Bulls 90-130 lbs. 100.00-150, mostly 120.00-145; Holstein Heifers 85-115 lbs. 80.00-90.00. Beef cross bulls & heifers 80-120 lbs. 86.00-110.00.

HOGS 177...Barrows and gilts $3 higher. US No. 1-2 225-250 lbs. 55.00-56, two lots 57.77 and one lot 58.00, 1-3 215-260 lbs. 53.60-55, one lot 205 lbs. 51.75, 2-3 250-265 lbs. 50.50-53.10. US No. 1-3 275-575 lbs. sows 43.00-47, 2-3 330-400 lbs. 36.00-41.00. Few Boars 37.00-47.00.

FEEDER PIGS 21...US No. 1-3 35-45 lbs. feeder pigs 45.00-49.00, lot Utility 15 lbs. 22.00 — all per head.

SHEEP 3...Two Good 28 lbs. spring sl. lambs 90.00.

GOATS 8...Kids 10.00-18.00 — per head.

Keister's Middleburg Livestock

Middleburg, Pa.
Tuesday, May 12, 1987
Report Supplied by PDA

CATTLE 434...PDA...Compared with last week's market: Slaughter steers strong to $1 higher; Cows about steady. High Choice & Prime sl. steers 74.50-76.50, Choice 1000-1400 lbs. 69.00-74, High Good and Low Choice 68.00-71, Good 64.00-69, Choice holsteins 60.50-63, few 66.00, Good 56.50-60.50, few Standard 52.00-58.00. Choice sl. heifers 65.00-71.50, few 74.00, few Good 58.00-63.00. Breaking Utility & Commercial sl. cows 46-51.75, few 52.85, Cutter & Boning Utility 44-49.50, Canner & Low Cutter 39-43.50, Shells down to 37.00. Few Good and Choice sl. bullocks 55.00-58.85. Yield Grade No. 1, 1150-2000 lbs. sl. bulls 52.00-58.50, one 63.00. Feeder Cattle: Few Medium Frame No. 2, 300-600 lbs. steers and bulls 64.00-73.00.

CALVES 118...Few Prime vealers 104.00-109, few Choice 87.00-103, few Good 81.00-85, few Standard and Good 100-110 lbs. 90.00-96, 75-95 lbs. 80.00-89, few Utility 60-80 lbs. 65.00-75.00. Farm Calves: Holstein Bulls 90-125 lbs. 90.00-144, mostly 100.00-130; Holstein Heifers 85-120 lbs. 85.00-95.00.

HOGS 494...Barrows and gilts $1 higher. US No. 1, 215-235 lbs. 57.50-58.50, 1-2 210-240 lbs. 56-57.50, 2-3 200-250 lbs. 55.00-56, 2-4 200-270 lbs. 53.00-55.00. US No. 1-3 280-650 lbs. sows 45.00-48.50, few 50.50, 2-3 300-550 lbs. 38.75-45.00. Boars 38.75-41.00.

FEEDER PIGS 337...US No. 1-3 30-45 lbs. feeder pigs 45.00-50, 50-65 lbs. 56.00-66.00 — all per head.

SHEEP 35...Few Choice 45-55 lbs. spring sl. lambs 108.00-122.00, 80-105 lbs. 85.00-101.00. Slaughter ewes 23.00-35.00.

GOATS 10...Few Large 27.00-68.00 — per head.

Omaha Cattle

Thursday, May 14, 1987

SLAUGHTER STEERS AND HEIFERS CLOSED 50 HIGHER THIS WEEK PRICES ADVANCES SLIGHTLY FOR FIRST TWO DAYS, THEN WEAKENED TO LOSE PART OF THE EARLY ADVANCES BUYER DEMAND CONTINUES GOOD BUT AT MIDWEEK, SLUGGISHNESS NOTED IN WHOLESALE BEEF CHANNELS AND BUYERS TURNED SOMEWHAT BEARISH SLAUGHTER COWS CLOSED FIRM TO 2 00 HIGHER FOR THE WEEK SLAUGHTER BULLS STEADY

ESTIMATED 5 DAY RECEIPTS 6,900, ACTUALS LAST WEEK 6,591, YEAR AGO 8,911 STEERS COMPRISED 57% OF THE WEEK'S RECEIPTS, HEIFERS 35% , COWS 6 PCT FEEDERS NONE

SLAUGHTER CLASSES STEERS (CLOSING SALES) CHOICE 2-4 1100-1350 LBS 71 50-73 00, LOAD 73 25, LOAD 74 00

GOOD AND CHOICE 2-3 1050-1250 LBS 70 00-72 00 GOOD 67 50-70 00

HEIFERS (CLOSING SALES) CHOICE 2-4 975-1150 LBS 70 00-71 00, 2 LOADS 71 50-71 75 LOAD 72 25 GOOD AND CHOICE 2-3 950-1050 LBS 68 00-70 00 GOOD 66 00-68 00

AVERAGE OF LS 214 DETAILED PRICE QUOTATIONS FOR CHOICE 900- 1100 LB STEERS THIS WEEK $71 17, 1100-1300 LBS $72 50 AVERAGE COST OF ALL SLAUGHTER STEERS THIS WEEK $71 01, AVERAGE WEIGHT 1196 LBS AS COMPARED TO $69 34 AND 1210 LBS A WEEK AGO AVERAGE COST HEIFERS $69 89, AVERAGE WEIGHT 1055 LBS AS COMPARED $67 52 AND 1050 LBS A WEEK AGO

COWS (CLOSING SALES) CUTT, UTIL, COMM 2 3 BULK HI DRESS % LOW DRESS % BREAKING 43 00-47 00 48 00 BONING 42 00-47 00 48 00-49 00 CANNER AND CUTTER 40 00-44 00 36 00-40 00

BULLS (CLOSING SALES) BULK HI DRESS % LOW DRESS % YG 1 2 1500-2000 LBS 51 00-54 50 47 00-50 00

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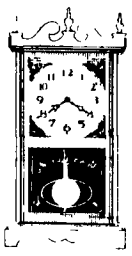

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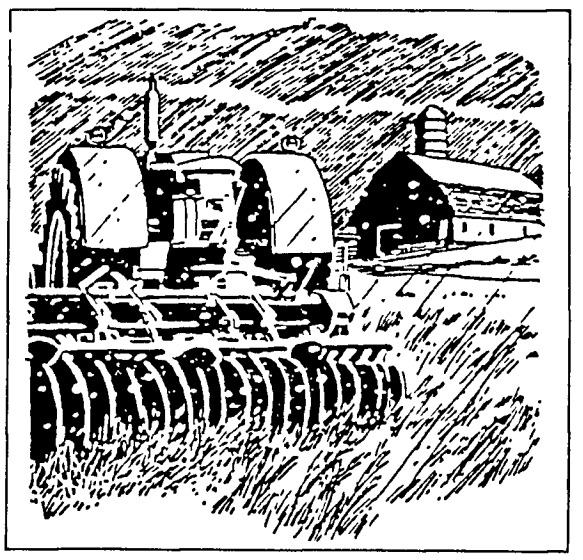

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Dewart Livestock Auction

Dewart, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 182..PDA...Compared with last Monday's market: Slaughter cows strong to $2 higher. High Choice & Prime, individual sl. steers 75.75&76.75, Choice 1070-1260 lbs. 68.75-74.25, few Good 62-66.50, few Good & Choice holsteins 56.75-60.75. Few Choice sl. heifers 65.25-71.25. Breaking Utility & Commercial sl. cows 47-49.60, couple 52.00, Cutter & Boning Utility 44-48.25, Canner & Low Cutter 40.00-44, Shells down to 30.00. Few Yield Grade No. 1, 1325-2100 lbs. sl. bulls 53.50-59.50, couple down to 52.00. Feeder Cattle: Medium Frame No. 1, 430-700 lbs. steers 69.50-79.00. Few Medium Frame No. 1, 460-540 lbs. heifers 61.00-67.00.

CALVES 158...Few Prime vealers 108.00-113, Choice 90.00-105, few Standard & Good 100-115 lbs. 87.00-92, 75-95 lbs. 80.00-89, Utility 50-80 lbs. 68.00-78.00. Farm Calves: Holstein Bulls 90-125 lbs. 90.00-149, mostly 105.00-130, few Holstein Heifers 85-110 lbs. 85.00-122.00.

HOGS 50...Few Lots US No. 2-3 230-245 lbs. barrows and gilts 52.25-55.10, lot 1-3 195 lbs. 50.35. US No. 1-3 315-615 lbs. sows 42.75-47.00. Few Boars 41.00-41.25.

FEEDER PIGS 113...US 1-3 20-30 lbs. feeder pigs 41.00-48.00, 45-60 lbs. 52.00-57.50 — all per head.

Weekly Summary

Harrisburg, PA
Friday, May 15
Report supplied by PDA
15 Livestock Markets

CATTLE: 7369. Compared with 8006 head last week and 7922 head a year ago. Steers and heifers steady to 1.00; spots 2.00 higher; cows mostly 1.00-2.00 higher; bullocks and bulls steady to 1.00 higher; High Choice & Prime 2-4, 72.50-75.25; Choice 67.50-74.25; Good 62.00-69.00; Standard 53.00-62.50; Good & Choice holsteins 56.50-63.00; Choice heifers 63.00-71.00; Good 55.00-63.50; Standard 49.00-55.00; cows Breaking Utility & Commercial 46.50-51.00; Cutter & Boning 44.00-48.75; Canner & Cutter 39.00-44.50; shells 30.00; few Choice bullocks 56.50-62.50; Good 55.25-57.50; few Standard 52.50-56.75; YG 1, 1000-2385 lb. 52.00-60.25; No. 2, 900-1700 lb. 49.00-55.00.

FEEDER CATTLE: Med. Frame 1, 300-700 lb. steers 62.00-79.00; Med. & Large No. 1, 300-600 lb. 70.00-85.00; Med. & Large 1, 600-900 lb. 57.00-72.00; heifers Med. & Large 1, 300-650 lb. 57.00-72.00; Med. & Large 2, 300-650 lb. 45.00-62.00.

CALVES: 2859. Compared with 2778 head last week and 3263 head a year ago. Steady to mostly 5.00 higher; few Prime 100.00-120.00; Choice 88.00-103.00; Good 79.00-95.00; Standard & Good 90-120 lb. 65.00-92.00; 65-85 lb. 61.00-80.00.

FARM CALVES: Very active. Hol. bulls 90-135 lb. 85.00-149.00; heifers 90-145 lb. 75.00-114.00; beef cross bulls and heifers 70-140 lb. 70.00-115.00.

HOGS: 4799. Compared with 5346 head last week and 5246 head a year ago. Steady to 2.00 higher; 1-2, 210-245 lb. 55.00-58.50; 1-3, 210-250 lb. 53.50-57.50; 2-3, 220-265 lb. 52.00-56.00; 2-4, 230-285 lb. 50.00-52.00; 1-3, 140-200 lb. 49.00-50.50; sows unevenly steady; 1-3, 300-650 lb. 42.00-48.00; 2-3, 300-700 lb. 37.00-42.00; boars 35.00-43.00.

FEEDER PIGS: 1006. Compared with 872 head last week and 789 head a year ago. Steady to 4.00 higher; 20-35 lb. 30.00-48.00; 35-50 lb. 40.00-57.50; 50-100 lb. 51.00-66.00.

2 GRADED FEEDER PIG SALES: 3103. Compared with 2129 head last week and 1952 head a year ago. Mostly steady; 10.00 lower; spots 30.00 lower; 24-30 lb. 148.00-173.00; 30-40 lb. 130.00-148.00; 40-50 lb. 100.00-140.00; 50-60 lb. 99.00-131.00; 60-70 lb. 90.00-118.00; 70-90 lb. 76.00-102.00; 2-3, 25-40 lb. 100.00-148.00; 40-50 lb. 117.00-120.00; 50-60 lb. 91.00-116.00.

SHEEP: 1368. Compared with 947 head last week and 831 head a year ago. Steady to 10.00 lower; High Choice & Prime 30-80 lb. 90.00-125.00; 75-120 lb. 85.00-106.00; Choice 30-60 lb. 100.00-110.00; 60-110 lb. 75.00-101.00; sl. sheep 20.00-38.00.

Indiana Livestock Auction

Homer City, Pa.
Thursday, May 14, 1987

CATTLE 214..PDA...Compared with last Thursday's market: Slaughter Cows $1 higher. High Choice & Prime sl. steers 72-74.75, Choice 66.50-71.75, Holsteins 61.00-65, few Good 62.00-65, few Good holsteins 56.25-60.75, few Standard 57-60.25. Few Choice sl. heifers 63.75-68.75, few Good 57.75-62.50, few Good & Choice holsteins 55.25-58.50, few Standard 50.25-55.00. Breaking Utility & Commercial sl. cows 47.50-50.75, one 52.00, Cutter & Boning Utility 44-48.50, few High Dressing 49.50, Canner & Low Cutter 38.00-44, Shells down to 30.00. Few Standard sl. bullocks 56.75-59.25, Utility 50.00-55.00. Few Yield Grade No. 1, 1370-1830 lbs. sl. bulls 57-60.25, one 62.75. Feeder Cattle: Few Medium & Large Frame No. 1, 650-860 lbs. steers 56.75-64.50. Medium & Large Frame No. 1, 500-750 lbs. heifers 56.00-64, Med. & Large #2, 470-685 lbs. 53-62.50. Few Medium Frame No. 1-2, 415-630 lbs. bulls 56.50-65.75.

CALVES 132...Few Choice vealers 88.00-91, few Good 79.00-85.

Chambersburg Livestock Auction

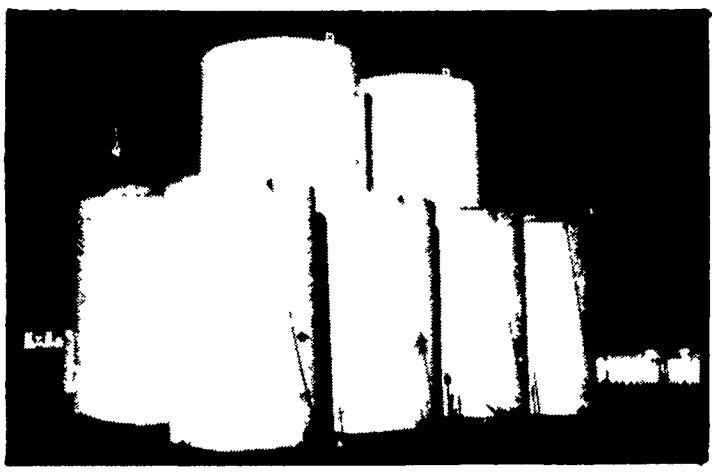
Chambersburg, Pa.
Thursday, May 14, 1987
Report Supplied by PDA

CATTLE 253...PDA. Compared with last Thursday's market: Slaughter cows unevenly steady. Good sl. steer, individual 65.75, Good & Choice 1100-1270 lbs. holsteins 54-58.85, few Standard 48-53.50. Good sl. heifer, individual 53.75, few Stanbdard 49-51.75, few Holsteins 1075-1400 lbs. 53.85-58, one 63.75. Breaking Utility and Commercial sl. cows 45.00-54, mostly 46.50-50.85, Cutter & Boning Utility 43.50-49, few 50.50, Canner & Low Cutter 40.85-44.85, Shells down to 38.00. Couple Standard sl. bullocks 52.50&52.75. Few Yield Grade No. 1, 1400-1950 lbs. sl. bulls 55.85-57.85, one No. 2, 1130 lbs. 54.75. Feeder Cattle: Few Large Frame No. 2, 735-950 lbs. steers 49.00-55.00.

CALVES 349...Vealers grading Standard and Low Good $3 to $13 higher. High Good & Low Choice 97.00-101, few 107.00, few Good 70.00-90, Standard and Good 85-125 lbs. 90.00-97.50, 70-85 lbs. 82.00-92, Utility 90-110 lbs. 86.00-90.00, 50-85 lbs. 55.00-81.00. Farm Calves: Holstein Bulls 120-145 lbs. 97.00-109, 95-120 lbs. 110.00-135, some down to 95.00, 85-90 lbs. 91.00-98.00. Holstein Heifers 85-130 lbs. 80.00-127.00.

HOGS 29...Lot US No. 2-3 238 lbs. barrows and gilts 52.50, lot 1-3 167 lbs. at 42.00. Few US No. 1-3 430-530 lbs. sows 42.75-46.25. Boar, individual 42.50.

SHEEP 6...Few Choice 30-50 lbs. spring sl. lambs 80.00-87.50.



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Four States Livestock

Hagerstown, Md.
Wednesday, May 13
Report supplied by Auction

SLAUGHTER: Fed Steers: Steady to $1 lower. Choice to Prime 71.00-77.00; Good to Choice 62.00-70.00; Medium 53.00-60.00. Heifers: Choice 59.00-63.00; Good 52.00-58.00; Medium 47.00-51.00. Cows steady prices. High Yield 47.00-51.00; Utility 43.00-46.00; Big Middle 38.00-41.00; Fatty Herf. 40.00-44.00; Shelly 40.00 down. Fat Bulls steady. Good 55.00-58.25; Medium 51.00-54.00. Veal Calves: Good run $5 higher. Choice 95.00-105.00; Good 80.00-95.00; Medium 70.00-80.00; Farm Hfrs. 85.00-99.00; Farm Bulls 105.00-128.00; Light Calves 78.00-90.00; Weak Calves 77.00 down; Good Feeders 80.00-90.00.

STOCKER: $2 lower. Steers 300-550 lbs. Choice 78.00-82.00; Good 70.00-77.00; Medium 60.00-69.00; Holsteins 57.00-65.00. Steers 600-850 lbs. Choice 65.00-73.00; Good 60.00-66.00; Medium 55.00-60.00. Heifers-(All weights) Choice 65.00-72.00; Good 57.00-64.00; Medium 50.00-56.00. Dairy Cows $400.00-$550.00. Springing Heifers $500.00-$800.00. Pigs. Hd. Good run, steady prices, 30-60 lbs. 33.00-46.00, 60-80 lbs. 47.00-55.00. Shoats by the lb. 105-160 lbs. 49.00-60.00. Slaughter Hogs $3 higher. 215-240 lbs. 55.00-57.00; 255-280 lbs. 51.00-52.50, 1 lot 199 lbs. 51.75.

Sows $1.50 higher, 500-600 lbs. 45.00-48.00, 350-500 lbs. 42.00-46.25. Heavy Boars: 39.75. Bulls: Choice 68.00-73.00, Good 62.00-67.00, Medium 55.00-61.00.

Next week May 20, 1 red and white Holstein purebred bull 700-800 lbs.

Frederick Livestock

Monday, May 11, 1987

BUTCHER COWS: Steady prices. Good 47.00-49.25; Standard & Utility 42.00-46.00; Canners 37.00-42.00; Shelly 40.00 down.

BULLS: 1.00 higher. Good 54.00-56.00; Medium 51.00-53.00; Steers Good 56.00-58.75; Standard 52.00-55.00. Heifers: Good 50.00-52.25; Medium 47.00-49.00.

BUTCHER HOGS: 1.00 higher. 220-250 lbs. 54.00-54.50; 270-290 lbs. 51.00-52.00.

SOWS: 300-550 lbs. 45.00-49.25; Thin Sows 40.00-44.00.

VEAL CALVES: 2.00 to 6.00 higher. Good-Choice 83.00-99.00; Standard 76.00-82.00; Stocky & Thin 68.00-75.00; Light Calves 70.00-83.00; Weak & Rough 69.00 down.

CALVES RETURNING TO FARM: Very active 5.00 higher.

HOLSTEIN HEIFERS: 90-120 lbs. 83.00-90.00.

HOLSTEIN BULLS: 85-95 lbs. 100.00-118.00; 100-115 lbs. 119.00-130.00.

STOCK CATTLE: Mostly steady prices. Steers Choice 80.00-83.00; Good 70.00-79.00; Medium 60.00-69.00. Heifers Choice 64.00-69.00; Good 58.00-63.00; Medium 50.00-57.00; Bulls Good 64.00-68.50; Medium 60.00-63.00. Springing Heifers to 760.00.

PIGS & SHOATS: 1.00 to 3.00 lower. By the head 30-45 lbs. 28.00-37.00; by the lb. 105-125 lbs. 43.00-47.00.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, May 11, 1987
Report Supplied by PDA

CATTLE 302...PDA... REPORT IS SUPPLIED BY THE AUCTION ...Choice sl. steers 64.00-67.75, Good 57.75-63.50, Standard 49.00-54, Utility 45.00-48.50. Choice sl. heifers 63.00-66, Good 55.00-60.50, Standard 47.50-53, Utility 44.50-48.00. Breaking Utility & Commercial sl. cows 48.00-52, Cutter & Bon. Utility 41.00-48, Canner & Low Cutter 36.50-41.50, Shells down to 25.00. Yield Grade No. 1, 1100-1965 lbs. sl. bulls 58.00-64.75, No. 2, 950-1500 lbs. 46.00-50.00. Feeder Cattle: Medium & Large Frame No. 1, 280-550 lbs. steers 73.00-85, 600-900 lbs. 60.00-73.25. Medium Frame No. 1, 300-500 lbs. heifers 65.00-72.00. Medium Frame No. 1, 400-600 lbs. bulls 67.00-87, No. 2, 500-650 lbs. 55.00-60.00.

CALVES 157...Choice vealers 93.00-103, Good 79.00-90, Standard and Good 90-120 lbs. 62.00-69, 60-85 lbs. 51.00-63, few Utility 60-85 lbs. 45.00-60.00. Farm Calves: Holstein bulls 90-125 lbs. 80.00-152.50, Holstein Heifers 85-115 lbs. 75.00-105.00.

HOGS 62...US No. 1-3 202-230 lbs. barrows and gilts 53.00-56.00, lot 1-3 196 lbs. 51.00. US No. 1-3 300-600 lbs. sows 42.00-47.00, 2-3 400-625 lbs. 37.00-42.50. Boars 30.00-35.00.

FEEDER PIGS 10...Few US No. 1-3 40-60 lbs. feeder pigs 40.00-42.00 — all per head.

SHEEP 217...High Choice & Prime 55-70 lbs. spring sl. lambs 90.00-101, Choice 70 lbs. 99.00, Good 70 lbs. 75.00. Slaughter ewes 20.00-35.00.

GOATS 37...Large 38.00, Kids 12.00-15.00 — all per head.

Peoria Cattle

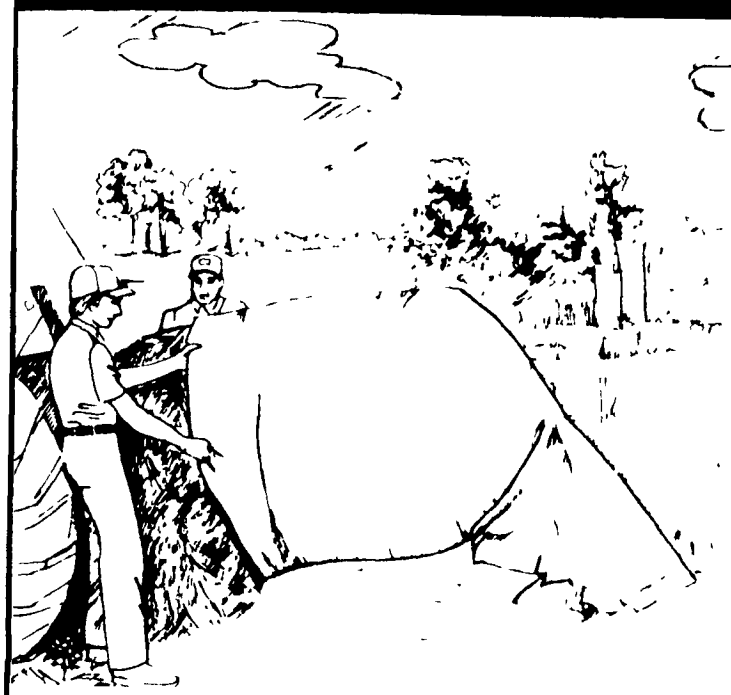
Thursday, May 14, 1987

COMPARED WITH LAST WEEK SLAUGHTER STEERS AND HEIFERS 1 50 TO 2 00 HIGHER EXCEPT HOLSTEINS STEERS 1 00 HIGHER ALL REPORTED SALES MONDAY WITH NOT ENOUGH SALES BALANCE OF WEEK FOR A MARKET TEST SUPPLY MAINLY GOOD TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH 6% COWS ESTIMATED RECEIPTS THIS WEEK ABOUT 1200 AS COMPARED WITH ACTUAL RECEIPTS OF 1175 LAST WEEK AND 1447 A YEAR AGO

SLAUGHTER STEERS CHOICE 2-4, MOSTLY 3 1050-1350 LBS 71 00- 72 00, LOAD 72 50, 975-1050 LBS 70 00-71 50 MIXED GOOD AND CHOICE 2-3 1000-1200 LBS 67 00-70 00 FEW PACKAGES MIXED GOOD AND CHOICE 2 HOLSTEINS 1300-1500 LBS 58 00-59 00 STANDARD AND GOOD HOLSTEINS 1100-1350 LBS 56 00-58 00

SLAUGHTER HEIFERS CHOICE 2-4, MOSTLY 3 950-1200 LBS 69 00- 70 00, COUPLE PART LOADS 70 25-70 50, 875-950 LBS 67 50-69 00 MIXED GOOD AND CHOICE 2-3 900-1100 LBS 64 00-67 50

ROUND BALE BAGS



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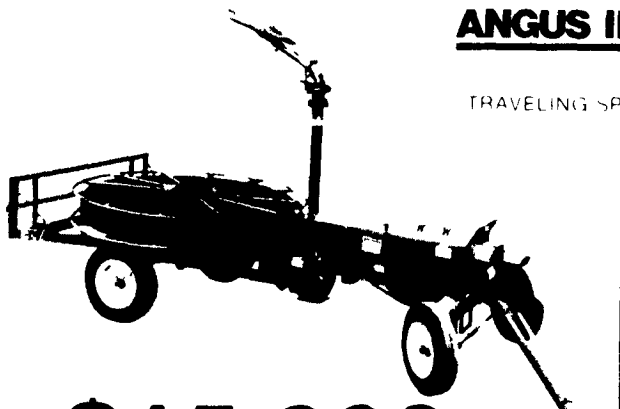

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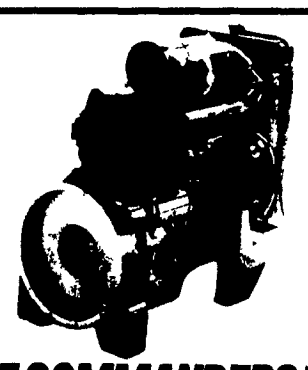

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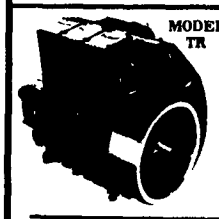

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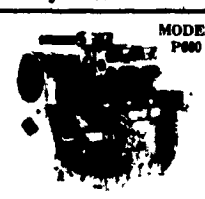

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Centre Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

February 1987

Name	No. Cows	% Days in Milk	Lbs. Milk	Lbs Fat	
Graham Bros Farm	102	88	22,344	848	
Valley Wide Farm	83	87	22,682	836	
Jay Houser	69	90	21,474	802	
Joseph Hartle	70	88	21,451	784	
Paul Hartle	46	87	21,447	784	
Richard Trinca	60	86	20,998	784	
Bruce E Ulmer	63	91	20,980	753	
Franlo-Alken Fms	38	88	21,085	748	
Lynn&Margaret Neer	99	85	20,515	746	
Stringers Sand Rdg	67	85	19,476	743	
Fairbrook Farms	103	89	19,319	741	
John Ishler	69	89	20,510	728	
PSU Herd 187	17	87	17,288	728	
Carl R Gates	43	90	19,755	726	
James E Rider	93	87	19,500	726	
PSU Herd 185	125	85	19,165	723	
Donald R Bierly	75	89	19,545	721	
Ned E Deitrich	74	90	20,343	711	
Evan & Ricky Homan	58	88	20,353	709	
Henry M Glick	47	85	18,267	703	
Ra-El Holsteins	55	90	20,681	698	
L Thomas Musser	46	87	18,192	693	
Geo&Ron Zimmerman	35	90	18,468	692	
Melvin K Dutrow	38	86	19,781	686	
Murmac Farms	53	85	19,286	679	
Jerry Wright	105	88	19,198	677	
Mingo Meadow Fms	68	84	19,114	676	
Rodney D Reese	109	87	18,910	676	
Fred O Benner	120	91	18,352	674	
Steve&Diane Lansbery	42	87	19,799	672	
Daniel G Frank	80	86	18,074	671	
Paul Doug Vonada	60	87	18,148	669	
Reesebrook Farms	120	84	17,402	661	
Tussey View Fms	132	88	18,256	659	
Glenn&Robin Gorrell	60	88	19,341	658	
Larry&Carl Homan	71	88	19,230	658	
Peters Farm	49	90	17,608	655	
Albert Haagen	34	86	17 853	652	
Ray-Carol Espenshade	36	86	19,114	650	
Ralph F Wheland	53	84	17,955	650	
PSU Herd 184	15	86	14 215	650	

During the month there were 119 herds with 6,699 cows processed in the DHIA program according to Alan P Kozak county agent Production ranged from a high of 68 9 pounds of milk, testing 3 7 percent fat, to a low of 21 9 pounds of milk testing 4 6 percent fat

In the owner sampler program there were 15 herds with 561 cows being processed The herds ranged from a high of 63 2 pounds of milk, testing 3 1 percent fat, to a low of 26 3 pounds of milk, testing 3 3 percent fat

The 10 high individual cow actual production records in DHIA produced on a two times a day milking in 305 days or less were in the following herds

Rodney Reese	29,891	3 9	1178
Bruce E Ulmer	26,595	3 8	1002
PSU Herd 187	24,033	4 1	997
Paul Hartle	28,262	3 4	970
Jay Houser	21,286	4 5	963
Franlo-Alken Fms	26,357	3 6	959
Ned E Deitrich	23,413	4 1	957
Valley Wide Farm	22,765	4 2	953
Paul Hartle	28,304	3 3	947

Blair Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March, 1987

Owner	No Cows	% Cow Days In Milk	Milk Lbs	Fat Lbs
Clover Will Farms	142 3	90 1	21,909	808
Fidelity Holsteins	40 7	88 1	19,766	789
Thomas W Kelly	69 4	89 2	21,433	778
Marcove Farm	77 1	89 0	20,907	755
Dale W Hoover	34 0	88 9	20,161	752
Fred+Gary Bechtel	86 2	88 6	19,159	735
GW&RG Baker	70 4	91 4	19,907	735
Blackcrest Farms	71 3	89 2	19,808	734
Burket Falls Farm	92 4	88 7	20,073	725
Robert Kensinger	59 3	90 7	20,348	722
Emile Dilling	112 9	86 1	19,394	714
William R England	164 2	88 5	19,587	711
Penn-England	113 2	88 7	19,362	710
Richard R Fox & Sons	44 3	88 8	19,487	708
Mike+Carol Hoover	106 1	88 9	20,229	701
Gerald Burket	107 7	90 3	19,419	698
Lar Ann Farm	143 9	87 8	19,386	696
Baker Farms	119 2	87 1	18,736	694
Over Lane Farms	87 8	90 1	19,288	694
Dennis A Smith	65 4	86 67	19,849	690

The high cow for the month is a registered Holstein in the GW and RG Baker herd Cow #258 produced 24,910 pounds of milk and 1,015 pounds of fat in 305 days A close second was Dawfin in the Fidelity Holsteins herd. She had 21,893 pounds and 1,013 pounds in 305 days

Individual Cow Records Of 305 Days Or Less Over 850 Pounds Fat

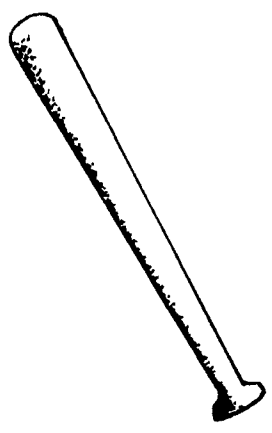
GW & RG Baker					
258	3	6-8	24,910	4 0	1015
276	3	5-7	21,555	4 1	903
Clover Will Farms					
46C	3	6-5	26,065	3 5	934
87C	3	5-8	22,330	3 9	879
18E	3	4-0	21,617	4 2	914
Mil-Ber Farms					
Jill	3	4-4	19,927	4 3	876
Marcove Farm					
Alma	3	7-7	24,884	3 7	945
Dennis A Smith					
Pearl	3	3-3	25,031	3 8	966
Pine	3	5-6	19,251	4 4	866
George Wertman					
Jane	3	3-10	23,356	4 1	970
Richard R Fox & Sons					
Janice	3	10-5	22,161	3 8	862
Pleasant View Farms 1					
394	3	4-1	23,668	4 0	965
R Ernest Kensinger					
9	3	4-2	19,371	4 7	918
Amos Newswanger					
30	3	6-3	22,869	4 3	985
Fidelity Holsteins					
Dawfin	3	4-1	21,893	4 6	1013

Luzerne County DHIA
February, 1987

Owner	Brd	No. Cows	% Days In Milk	Milk Lbs	Fat Lbs
Paul Stoss Jr		3 21 5	84 9	23,060	868
Robert Hough		3 58 0	86 7	19,475	703
Pecora Bros		3 177 3	88 2	18,000	675
Fred Shultz		3 57 1	86 8	16,597	668
Jack & Nelson Dent		3 38 7	81 1	17,920	654

Cows finishing their lactation period over 850 pounds fat

Pecora Bros						
1801910	RH	2 5	305	20 760	4 2	867
Paul Stoss Jr						
Inch 11	RH	4 5	300	24 663	4 8	1191



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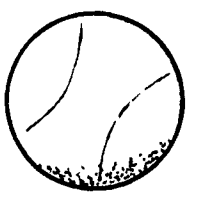

APRIL BOARS OFF TEST

	# Boars	Weight On	Weight Off	A.D.G.	Backfat	F.E.
HERD #1	48	69.3	219.8	2.04	.63	1.99
HERD #2	22	67.9	222.15	1.87	.61	2.34

(2 Boars in Group #1 had average daily gain (ADG) over 2.6)

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Duroc Pig, Suffolk Lamb Top Centre Co. Sale

CENTRE HALL – A meaty Duroc pig and a stylish Suffolk wether lamb topped the fifth annual Centre County pig and lamb sale April 25th at the Centre County Grange Fair Grounds, Centre Hall.

Kenny Strouse, R.D. 2, Centre Hall took home the top selling pig of the sale at $240. The March purebred Duroc gilt was consigned by Kenneth Fetterolf, Centre Hall, Rd.

The flashy Suffolk wether was purchased for $305 by Craig Fleck, R.D. 1, Centre Hall and was consigned by Brian Barkley, R.D. 1, Manns Choice.

Ken Fetterolf's consignment of 25 purebred Duroc, Hampshire and Duroc Hampshire crossbred pigs sold for an average of $108.

The seven Dorset, Suffolk and Suffolk Crossbred lambs consigned by Brian Barkley averaged $120.

Dave Holloway, R.D. 2, Glen Rock, PA sold 14 Duroc and Duroc-Hampshire crossbred pigs for an average price of $103. William Vonada, Mackeyville, Clinton County purchased a heavy-muscled Duroc-Hampshire crossbred barrow for $210 for the top of the Holloway consignments.

Seven Spot-Duroc crossbred pigs were consigned by Joyce Harpster, Boalsburg, for an average price of $107. Jason Bishop, R.D. 1, Roulette, showman of the 1986 grand champion pig which had been selected from last year's Harpster consignments, returned to purchase another top pig, a gilt of this breeder for $150.

Charles Hall's 14 Hampshire crossbred pigs averaged $66 for the Julian, R.D. hog breeder. The top selling pig of this consignment was purchased by Brian McAllister, R.D. 1, Centre Hall for $100.

Six Duroc crossbred pigs consigned by Ron Beck, R.D., Mill Hall averaged $80. Connie Young, R.D. 2, Port Matilda and Richard Heit, R.D. 2, Bedford paid $105 each to tie as top buyers of the Beck offering.

Dirk Wise, R.D., Spring Mills sold 10 Hampshire and Hampshire crossbred lambs for an average price of $94. The top selling lamb of this sale lot was a Hampshire wether purchased by Kathy Weaver, R.D. 2, Everett for $140.

The Ken Rudy family R.D. 2, Pennsylvania Furnace, paid $100 as the highest bidder on the 10 Suffolk, Hampshire and Shropshire lambs sold by David Harpster, Boalsburg. The ten head averaged $86.

This annual event was managed by Ken Fetterolf and David Harpster as swine and lamb sale managers, respectively.

The sale was auctioneered by David Harpster. John Esh and Scott Yocum were ringmen.

Sixty-six pigs and 27 lambs were sold into Bedford, Centre, Clinton, Clearfield, Indiana, Lycoming, McKean, Mifflin and Union counties.

Ag Preservation Gains Momentum In Chester Co.

WEST CHESTER – The Chester County Agricultural Development Council (ADC) reports that the designation of Agricultural Security Areas, in accordance with Act 43, is progressing in Chester County. This month, the county's fourth agricultural area is expected to be adopted in North Coventry Township, bringing the total acreage so-designated to approximately 5,000 acres. Other agricultural areas have been established in East Bradford, East Coventry and South Coventry Townships.

In addition, at least three other townships are considering proposed agricultural areas. When these are adopted, by late spring or early summer, the total acreage in Chester County agricultural security areas will be close to 12,000 acres.

The Agricultural Development Council assists local efforts to create agricultural security areas by providing information to farm owners, township officials, and the general public. In addition, the ADC can complete the mapping required for agricultural security area adoption by township supervisors.

Recently the ADC adopted what it considers priority or target locations for establishment of agricultural security areas. A total of 134,000 acres are indicated as most appropriate for agricultural security areas and farmland preservation. Criteria used in the development of these target locations included: 1. prime agricultural soils; 2. local comprehensive plan agriculturally-designated areas; and 3. land actively being farmed as inventoried in 1984. This designation (as a target location) does not imply that agricultural security areas cannot or should not be formed elsewhere, just that these are logical locations for them.

The ADC stresses that agricultural security area designation and participation will be a prerequisite for the agricultural conservation easement programs now being considered by the state and county.

For more information on the Chester County Agricultural Development Council and assistance in the creation of agricultural areas, contact Raymond Pickering, ADC Director, at (215) 431-6285.

Order 4 Milk Priced At $12.60 For April

ALEXANDRIA, Va. – Middle Atlantic Order Market Administrator Joseph D. Shine announced on April 1987 base milk price of $12.60 per hundredweight and an excess milk price of $10.83. The weighted average April price was $12.52 and the butterfat differential for the month was 16 cents.

The base milk price was down 26 cents from March but was 31 cents higher than last April. The weighted average price was down 26 cents from March but was 29 cents higher than a year earlier.

The gross value of April producer milk was $68.8 million, compared to $67.2 million a year ago.

Shine said that producer receipts totaled 551 million pounds during April, a decrease of .7 million pounds from last April, and the average daily delivery of 2,821 pounds per producer increased 50 pounds or 1.8 percent from a year earlier.

Class I producer milk totaled 256.3 million pounds and was up 13.3 million pounds or 5.5 percent from last April. Class I milk accounted for 46.51 percent of total producer milk receipts during the month, compared with 44.04 percent in April 1986.

Base milk accounted for 89.66 percent of total producer milk receipts in April compared with 89.62 percent last year. The average butterfat test of producer milk was 3.66 percent, up from 3.64 percent last April.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 212.7 million pounds during April, an increase of 1.9 percent from a year earlier after adjustment to eliminate variation due to calendar composition.

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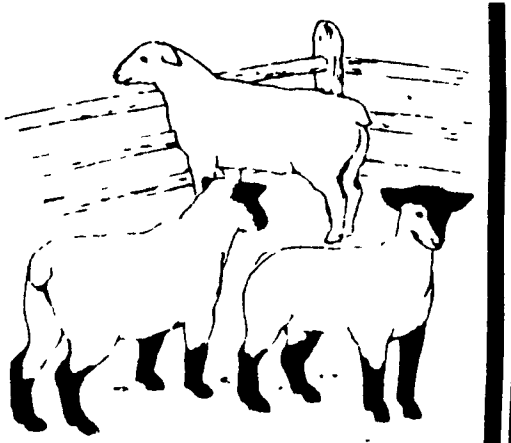

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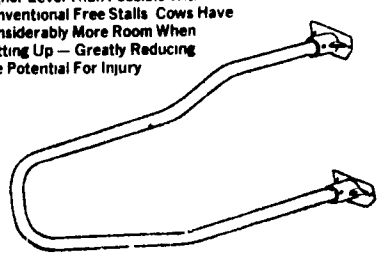

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Washington County Guernsey Breeders Prepare

(Continued from Page A1)

and 695 pounds of fat on 57 cow in 1985. The 1986 record stood at 14,338 pounds of milk and 680 pounds of fat on 55 cows.

In years past, father and son have shown cattle at local, state and national shows. In 1977, Elsview Farms Winstons DeeJae was the All-American Junior Yearling. During the past few years Jean has sold young stock to 4-H club members which have done well in competition throughout the state.

Not only do 4-H'ers go to Elsview for stock, but cattle from this herd have been sold through state and national sales. Consigned by Lindsay Brubaker, Dayton, Va., Elsview Farms Fayette Janie will be sold in the 1987 National Guernsey Sale, slated for Saturday evening in the Sheraton's ballroom.

Currently the Celestine family has a total herd of 104 Guernsey, including 60 cows, 20 calves, and 24 yearlings and bred heifers. The majority of the breeding is done AI using such sires as Choice, Maverick, Telestar, Fayette, Deacon and Captain.

The farm is comprised of 212 acres which includes 40 acres of corn and 100 acres of hay with the remaining acreage in an oat combination and used as a cover crop.

A majority of the bulls born at Elsview Farms are sold at birth except for those from good ancestry. One such bull, Elsview Farms Stars, was bought by the Mid-Atlantic Guernsey Sires and is presently waiting to be proven. The Celestines have two daughters from Fury in their herd.

In addition to hosting a portion of the tour, Jean Celestine is chairman of the convention's registration committee.

Co-Hill Farms

The second farm on the visitation agenda is Co-Hill Farms owned by Antoinette and Joseph Fava.

While at Co-Hill convention-goers will have the opportunity to see the Fava's Nanny cow family. Nanny is an 8-year-old Excellent Maverick daughter with a production record of 22,000 pounds of milk, 1,100 pounds of fat and 900 pounds of protein. At one time the Favas had a request for seven male offspring from the Nanny cow through AI.

Not only does Nanny have an Excellent Big Tex daughter, but many of her embryo transfer progeny appear to be promising. Nanny is the dam of the highest selling unborn embryo ever. This embryo was bought by the North Star Syndicate.

Nanny is from a line of five generations of Very Good dams, all of which were Gold Star Guernseys with records up to 21,000 pounds of milk and 1,000 pounds of fat.

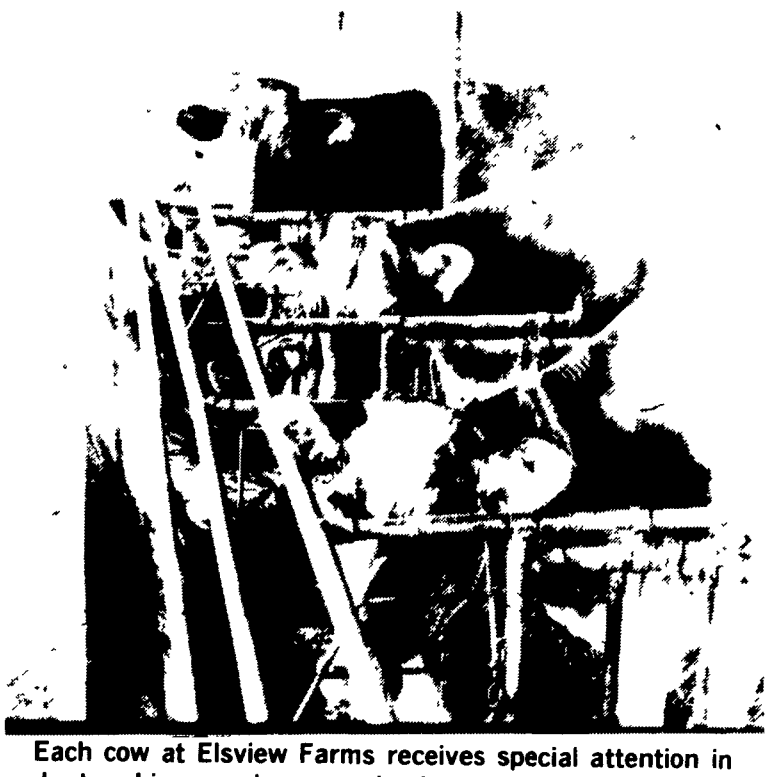
Alisa Fava, the oldest Fava daughter, is hoping to show convention-goers that her family is breeding cows that can go from the milk tank to the showring and be successful in both areas.

Taking time out of their convention preparations is the Marchezak family. Pictured left is Dorothy, John Sr., John Jr., John's wife, Lee Ann, and Patty McMurray. Front are John and Lee Ann's daughters, Annie and Randi.

The father-son partnership of Joseph and Lewis have a 65 cow milking herd and a total herd of 175 Guernseys. Even though the operation is considered a partnership, it is a family operated farm with the help of Alisa, Rene, Kelly, Lewis' wife, Norma, and their two children.

As a recent graduate of Virginia Tech, where she majored in dairy science, Alisa has been able to apply what she learned to Co-Hill Farms and the Guernsey herd.

Alisa is actively involved in the national convention. She serves as chairman of the public relations committee. As chairman and along with the other committee members, Alisa has organized a press conference that will be held prior to the official opening of the convention. The objective of the public relations committee is to show the general public that the agricultural community is just as advanced and professional as other occupations.



Each cow at Elsview Farms receives special attention in order to achieve maximum production.

Contributing much time and energy to the Marchezak operation is Tom Andrejchak, a full-time farm employee. Tom is shown beginning the evening milking.

Twin Brook Farm

At the third and final stop of the farm tour, the Guernsey breeders will have the opportunity to see the scenic Twin Brooks Farm.

At Twin Brooks, operated by John Marchezak Sr. and John Jr., a variety of activities are being planned for the visitors. There will be a relaxing barbecue and ethnic foods relative to southern Pennsylvania for those who desire a change of pace.

Patty McMurray, Dorothy and John Marchezak Sr.'s daughter, will be the referee for the Junior Guernsey Ag Olympics. Games tentatively planned for these 'Olympics' include tug-of-war; milker relay, which involves two youth teams with each member taking apart and putting together a bucket milker; feed scooping relay; ice cream eating contest; and a milk drinking contest with an added touch — the youths will be drinking the milk from a baby bottle.

During the tour, the Marchezak's dry cow program will be emphasized. A few years ago the dry cows, housed in a new barn, became "too easy to feed." Problems became evident when the mature cows would freshen. The problem was narrowed down to fatty livers among the mature cows.

Once the problem was evident,

Even though Jean spends most of her time doing the farm's bookwork she enjoys working with the herd when she gets a chance. Here she is looking over some of the young stock and prospective 4-H projects.

Elsview Farms Leaders Janis at 6-04 305 days is producing 18,354 pounds of milk, 759 pounds of fat at 4.1 percent. Elsview Top Leader, studded to ABC Sire Services, Janis' sire is one of the many success stories at Elsview. At the halter is Bob Rabickow, the farm's herdman.

pe For National Convention Tour Next Week

herdsman John Jr. decided, after discussing the matter with his father, to separate the dry cow herd into two separate groups. One group included those cows that were just put dry and the other group included those which were closer to calving.

Those cows which are just put dry receive four pounds of corn and one pound of lacto-prep pellets. Those cows which are closer to calving receive double the ration and alfalfa hay. A big decrease in dry cow to fresh cow problems were noticed as quickly as one lactation for some cows.

The Marchezak family has been associated with the Guernsey breed since the early 1950s. John Sr. is known to many Guernsey breeders and showmen throughout the United States as Mr. Guernsey, meaning a total dedication to breeding, showing, and milking Guernseys.

This is evident through the Marchezak family's show record. Their accomplishments include the reserve All-American Junior Get of Sire in 1966, National Junior Champion won by Twin Brook B-K Posey in 1966. In 1982 they received the All-American Best Three Females Bred and Owned, the All-American Best Milking Female as well as the Premier Breeder and Exhibitor banners.

Posey is the success story for the farm. Either Posey or one of her progeny was first in the Pennsylvania Junior Dairy Show or the All-American Dairy Show for 10 years straight.

Even though past accomplishments are nice to look at, the Marchezak family would like to improve what is available for the future. John Jr. states that, we are always looking to what we could do to improve what we have. While his sister Patty feels that a goal for this family operation is to be looking for a bull with size to help improve their current herd.

With a lineup of these achievement seeking Guernsey farms, the convention committee hopes to show those in attendance what Pennsylvania Guernsey farming is all about.

Pictured here is Nanny and Nicole, dam and daughter. Nicole is the oldest progeny of Nanny's family she has recently been scored EX-90 with a production record of 18,000 pounds of milk and 880 pounds of fat.

Wild Resources Conference Slated

UNIVERSITY PARK — What is being done to save endangered species and to manage the state's wild resources, both land and wildlife?

The Pennsylvania Wild Resources Conference, to be held at Penn State on June 12-14, is sponsored by the Pennsylvania Fish Commission, Game Commission, Bureau of Forestry and Bureau of State Parks; the Pennsylvania Wild Resource Conservation Fund and Penn State's College of Agriculture.

On the first day, presenters will discuss the role of the state's natural resources agencies, and recent accomplishments and future challenges in wild resource conservation and management.

A variety of programs on the second day will include: efforts to restore endangered species, including ospreys, river otters and bald eagles; a look at endangered and threatened fishes, amphibians and reptiles; wildlife surveys, computerized inventories and research; and ways to attract and help wildlife. Other programs will detail how to use native wild plants in the home garden and landscape, and discuss native plant ecology.

Sessions on the final day will examine natural resources and environmental education.

Also during the three-day conference, participants can go on field trips to game lands near State College, view a wild resources art exhibit and see wildlife films.

The conference is open to the public. Enrollment fee is $20 if paid before May 29, and $30 after May 29. For more information, contact the Agricultural Conference Coordinator, 409 O.J. Keller Building, University Park, PA 16802, (814) 865-9547.

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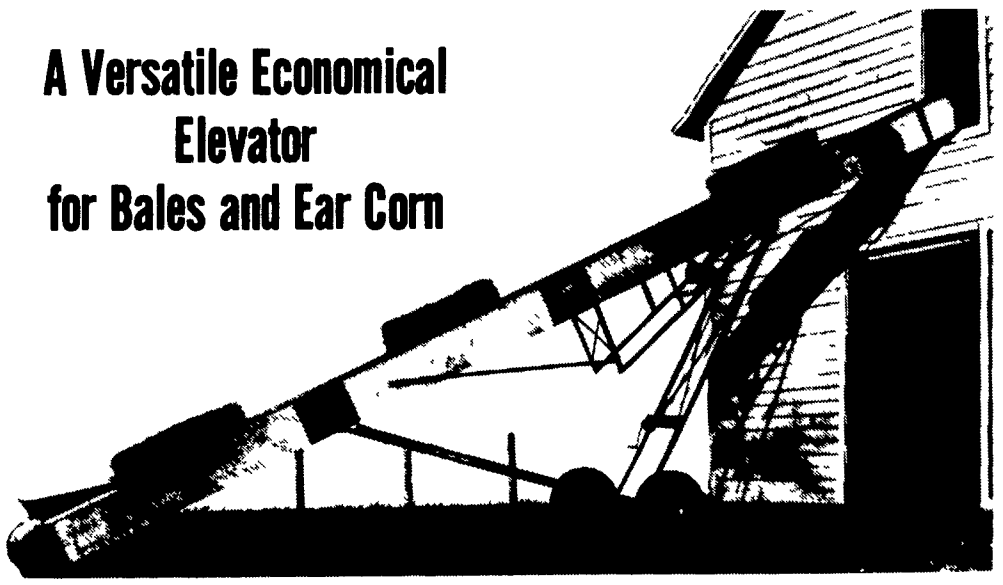

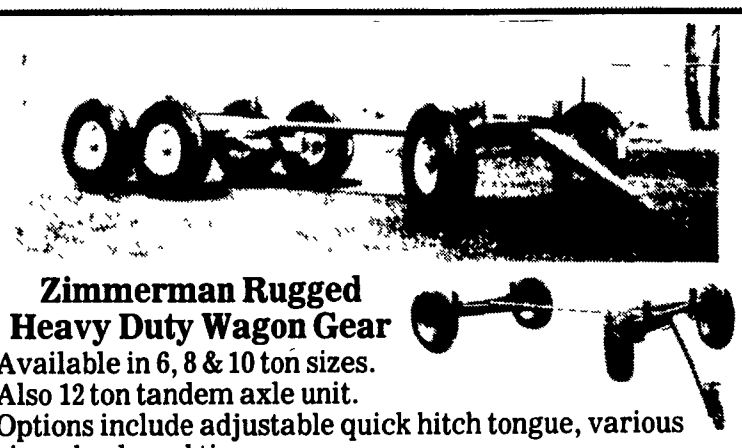

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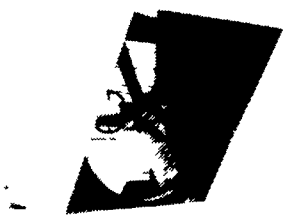

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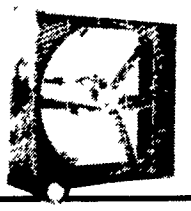

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WORLD WIDE AND NATIONAL FARM WATCH

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EXPIRED GENERIC CERTS NOT DEAD YET—The deadline for cashing in generic certificates with a Dec. 31, 1986 expiration, already extended once to May 15, has been re-extended to June 1, the USDA announced today. The reason given was that the original holders of the expired certificates may not have been aware of the previous announcement of the offer to exchange the certificates for cash. The offer applies only to the original owner of the certificates, they must be returned to the ASCS office where they were issued, and they may not be exchanged for CCC commodities, only cash, the department said.

SUBSIDY ROLE INCREASING IN GRAIN TRADE—The United States' recent sale of wheat to Russia, after such a long dry spell in that market, has grain traders and producers ready to admit that subsidies now open trading doors that were slamming shut. "What the Soviet subsidy indicates is that we need subsidies in special markets to meet the situation," said Carl Schwensen of the National Association of Wheat Growers. USDA Secretary Richard Lyng said this country remains opposed to subsidies but it has become necessary to use them as long as the rest of the world does.

Almost half of the wheat now exported from this country is sold with the help of the export enhancement program. So far this year, 21 million metric tons of wheat have been sold abroad. Almost half, 10.4 million tons, involved export bonuses. U.S. agricultural policy makers say they recognize the danger of subsidies but have been forced by market conditions into using them.

TRADE REFORM A SLOW PROCESS—U.S. trade negotiators will participate in this week's meeting in Paris of the 24 largest industrialized nations of the free world, the Organization for Economic Cooperation and Development, in the hope that some trade progress will be made on which to build for future improvement in trade relations. The U.S. delegation will be headed by Treasury Secretary James Baker and include Trade Ambassador Clayton Yeutter, Agriculture Secretary Richard Lyng and Commerce Secretary Malcolm Baldrige. "We hope the ministers of the OECD will give a strong endorsement to the Uruguay trade round," said Daniel Amstutz, assistant secretary of agriculture.

Both subsidies and world food surpluses are growing, officials say, and it is hard to reverse the trend. U.S. officials are counting on our competitive export stance to encourage our competitors to be more cooperative in negotiations.

CONGRESS CONTINUES WORK ON FCS BAILOUT—The House Agriculture subcommittee on Conservation, Credit and Rural Development will continue this week its effort to develop legislation to deal with the cash-short Farm Credit System. American Farm Bureau president Dean Kleckner testifies tomorrow before the committee chaired by Rep. Ed Jones (D-Tenn.) as it begins three days of hearings on the credit issue.

WORK ON TRADE BILL GOES ON IN SENATE—The Senate had all but wrapped up its work on the omnibus trade legislation last week but must put on the finishing touches this week. Remaining issues are so-called Cargo Preference provisions (how much of the exports must be shipped in U.S. vessels) and the cost of the export enhancement program. Triggering the bonus export cost concerns is the return of the Soviet Union into the picture with a deal for almost a million tonnes, and expected to expand to 4 million, with the whole shipment costing U.S. taxpayers over half as much as it is costing Russia. The 4 million tonnes will cost the Soviets about $320 million but it will set the U.S. taxpayers back around $177 million in export bonuses. Current legislation allows $1.5 billion to finance the export enhancement program and the proposal is to raise that by $1 billion because of the welcome but expensive Soviet sale. They are paying around $80 per tonne for the wheat and exporters receive a bonus in commodities of just over $44 per ton.

PRICE FAVORS U.S. CORN EXPORTS NOW---USDA's quarterly grain stocks report indicates that U.S. corn producers enjoy a price advantage in the world market now relative to major competitors, particularly for corn sales to such good customers as Japan, South Korea and Taiwan. U.S. corn sells now in the $75 to $80 per ton range while corn from two major competitors for those markets, Argentina and South Africa, is more like $85 per ton. Major use of corn imports by Japan, South Korea and Taiwan is for domestic livestock feed and all three are expanding livestock production at present. China also will remain a moderate purchaser of U.S. corn in the short run, having diverted most of its corn production to fulfill processing needs and away from export.

WORLD FOOD SUBSIDIES TALKED DOWN—A meeting of 24 industrialized countries known as the Organization for Economic Cooperation and Development has been meeting in Paris this week and if a consensus is being reached it is that the world should reject agricultural subsidies and embrace the market system. toward market prices. The OECD hopes to influence the thinking of a summit meeting of representatives of the world's largest democracies set to meet in Venice in June as well as the General Agreement on Tariffs and Trade negotiators meeting in Geneva.

All the talk still remains to be translated into action as U.S. Treasury Secretary James Baker urged Japan and West Germany to spur their own economies to reduce trade imbalances with the U.S., saying the United States can no longer stimulate the economy of "the rest of the world."

FARM REFORM DOESN'T COME EASILY—Change is neither easy nor fast in reshaping agriculture to avoid surpluses and subsidies. Germany, for example, has 30 to 45 percent of its farm income in the form of subsidies, according to Max Zurek, chief economist for the German Farmers Association. The country has over 700,000 farmers but, says Zurek, "without subsidies, only 150,000 to 200,000 farmers could survive." Poorer countries in Europe are even more dependent on agriculture and attempts at reform of price-support policies meet in strong opposition from farmers, the most politically potent bloc.

GROUND RULES FOR DEBATE—In setting the ground rules for further negotiations on trade policy, the finance ministers of industrial democracies first weakened, then toughened policies on cutting food surpluses and subsidies. U.S. Secretary of Commerce Malcolm Baldrige said, the final language will not call for an end to support for farmers, only for a discontinuing of support for food production. "If they want to support farmers, that should be a separate decision," Baldrige said. The wording was compromised to satisfy West Germany & Japan.

LOOKING FOR WILD HORSE HAVEN NOT HEAVEN---An animal rights activist trying to persuade the Interior Department not to destroy 10,000 horses it can't find a home for says her organization, the Hooved Animal Humane Society, will try to identify farmers who will let the animals roam their land. The government has had the wild animals in "feedlots" throughout the western states but has recently declared an end to a moratorium on killing the surplus animals if they have to be held in captivity for more than three months. Donna Ewing, president of the animal rights group, said, "We feel the horses should be returned to the original land, but as long as all this money has been spent to round them up, we will try and find new locations for them at a cost of half the money now being paid." She said the cost to the government is $4.36 per day per horse, which has been paid over a period of four years to keep the horses in captivity.

WORLD GRAIN PRODUCTION TO DROP---Coarse grain production in the world is expected to be 811.7 million tonnes for 1987/88, a decline of 3 percent, the USDA reported in its world crop production highlights released yesterday. U.S. production of grain is projected to drop 13 percent from last year to 219.5 million tons while Soviet grain production will be about the same as last year. Wheat production in the Soviet Union, however, suffered poor growing conditions, late planting and a severe winter and will be off

(Turn to Page A23)

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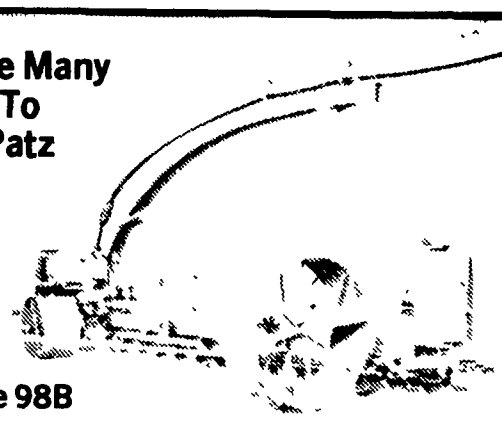

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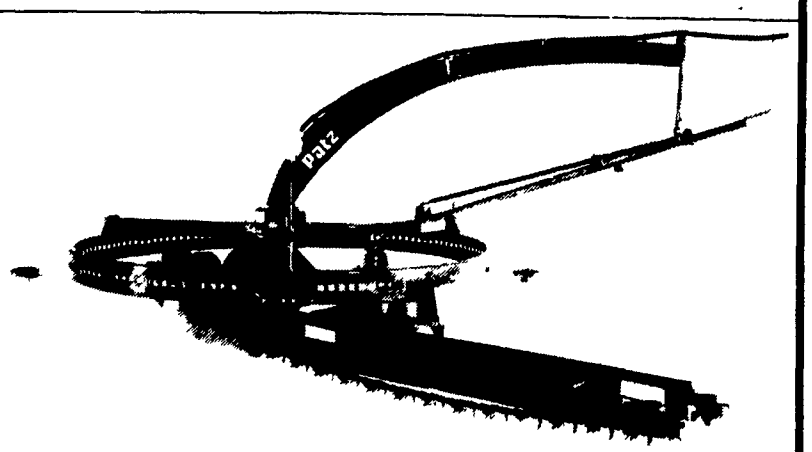

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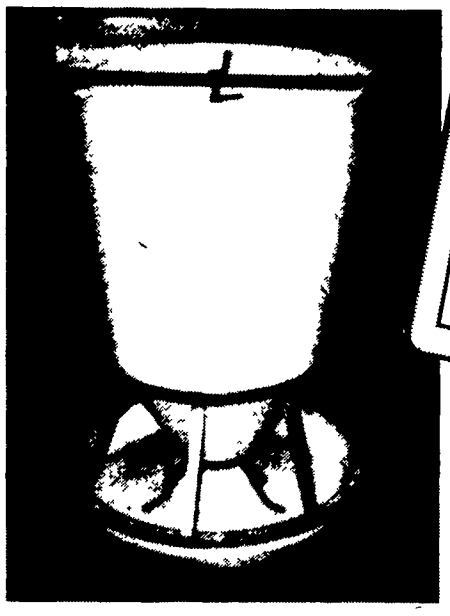

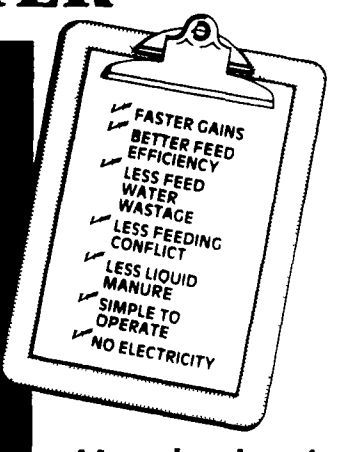

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New Dairy NRC Manual Previewed

LANCASTER — The long-awaited National Research Council manual for dairy cattle will be published in eight to 10 months, maybe.

Dr. Larry Muller, Penn State University, is a member of the eight-person committee that determined the revisions of the new issue of the NRC manual. Speaking at Wednesday's Veterinary Nutrition Forum, Lancaster, Muller noted the projected date of publication is the end of 1987 if no delays are encountered.

Proposals for the new edition include sections on dry matter intake near the front of the manual; minerals, major to trace to toxic; vitamins; water, a new section; special aspects of dairy cows including metabolic disorders, fat feeding, fiber, mineral salts (buffers), short chain fatty acids, and hormones; the composition of feed; ration formulation; and tables. Muller predicts the protein section will be the largest and most confusing.

In the proposed manual protein is divided into undegradable intake protein (by-pass) and degradable intake protein. Muller noted the committee worked the hardest on this section and it will probably be hit the hardest by the review committee. The review committee studies the manual after the committee on animal nutrition makes its recommendations on the contents of the new edition. The review committee then makes its recommendations. Muller noted this process .could delay the publication of the new manual.

While the area of degradable and undegradable protein is not clearly defined, Muller said the committee decided there was a need for a working guide on the subject. He noted the manuals are designed to be a starting point, not the absolute answer.

In the protein section, Muller said the requirements are broken down into three age groups: growing animals, early lactation and late lactation.

The proposed manual includes a section on the undegradability of protein in various feedstuffs. One of the problems with this section is the low confidence range for some of the values. The values are low, he said, due to a limited number of trials for particular feeds.

Other changes in the proposed manual include higher dry matter intake recommendations. Separate requirements for sodium and clorine are included. In the previous manual requirements for salt were listed. The new edition contains a more detailed breakdown of feedstuffs.

The committee proposed a table itemizing the composition of mineral supplements be included in the manual.

Muller noted the committee was formed four years ago. New NRC manual for the various species are published about every eight years, he said. The previous dairy manual was issued in 1978.

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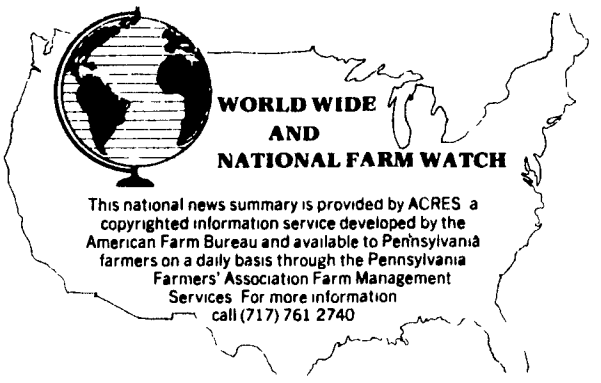
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(Continued from Page A22)

19 percent from last year's 75 million ton crop, the department said.

NO FREE TRADERS LEFT IN AGRICULTURE—A report by the USDA's Economic Research Service contends that all governments intervene in their agricultural industry to some extent, but says the report, "what varies is the extent of the intervention and the playing field is far from level." Japan pays the heaviest subsidies mostly in the form of trade barriers to keep out competition. European Common Market countries are on the heavy intervention side with the U.S. about in the middle and Australia one of the lowest.

DISASTER AID FOR '86 CROPS ALMOST A REALITY—The joint conference committee of the House and Senate has finally finished work on the package authorizing nearly $200 million in aid for farmers whose crops were damaged or destroyed by severe rains and flooding last year. The Senate approved the committee report on a voice vote Tuesday and it is expected to have smooth sailing in the House as well.

FARM CREDIT BAILOUT HEARINGS CONTINUE---The House Subcommittee on Conservation, Credit and Rural Development continues its hearings today on agricultural credit legislation. American Farm Bureau president Dean Kleckner was one of those scheduled to testify this week representing Farm Bureau and a coalition of agricultural commodity groups.

THEY'RE TALKING WARNING LABELS ON CHICKENS NOW—The National Academy of Science now says chicken sold in stores should have labels to warn against possible food poisoning organisms, but a nutrition group says labeling would not solve problems of inadequate inspections. A House Agriculture Committee on Livestock, Dairy and Poultry will hold a hearing next month to review the poultry inspection program and its effectiveness in protecting public health.

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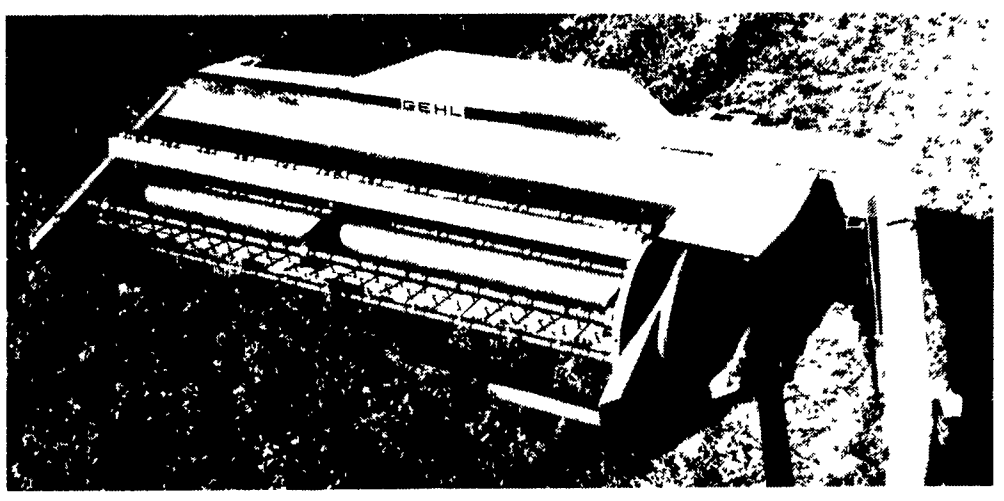

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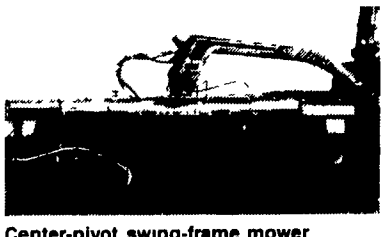

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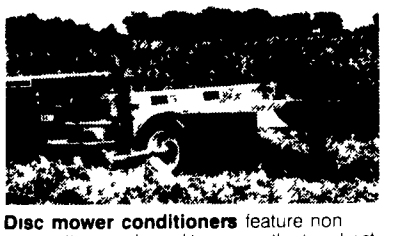

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BVD Claims High Mortality Rate, $200,000 In Damages

(Continued from Page A1)

Laudermilch said, they were still working to determine the exact strain. The vet noted that there are 23 different strains of BVD which are divided into two different classes — cytopathic and noncytopathic.

Laudermilch classified the strain that is causing the current outbreak as a "hot strain" and noncytopathic. With other strains the mortality rate is dramatically lower, he explained. You will have sick cows and once in a while one will die, he commented.

A second reason for the current outbreak is the great length of time since the virus was last active in the area. In areas where the virus is present all the time, animals may have built up immunities to the disease from a previous exposure, Hutchinson said. In northeast Pennsylvania the virus is new to their cattle, he explained.

In the southeast and south-central portions of Pennsylvania the virus is endemic, he noted. "Since it is a cause for concern, many dairymen in that area do vaccinate for the disease." He noted that economics play a role in determining what diseases to vaccinate against. There are vaccines available for 20 to 30 diseases. To vaccinate against all of them, especially when the disease is not evident in the area, would be costly, Hutchinson explained.

Hutchinson commented that such outbreaks are not uncommon. A similar one occurred in the Erie and Crawford counties a few years ago.

"Looking back, when you haven't had it for 50 years, there is no reason to vaccinate," Laudermilch said. Since the positive identification of the virus, the Rome Center vet noted, he has been actively recommending vaccination of the uninfected herds. To date Laudermilch has administered $20,000 worth of the vaccine.

The vaccination program he has recommended for herds without the virus includes the initial vaccination followed by a boster injection in two to four weeks. Laudermilch plans to re-vaccinate this fall and then the add the vaccination to yearly vaccination programs. We are at a wait and see point, he noted. As long as it doesn't go any further, the Bradford County vet feels they may have it under control.

Laudermilch has been administering a treatment program of fluid therapy and antibiotics. The antibiotics are used to combat secondary infections that may develop in cows which are ill with the virus. The cow's immune system is depressed, making her more susceptible to other illnesses. He stressed the need to keep the rumen going and the animal eating. Aspirin may be given to lower fevers. Good first cutting hay is also suggested for the cow with BVD, he added.

The fourth edition of the **Merck Veterinary Manual** offers the following guide for treatment of the cow with BVD. "Supportive therapy to combat diarrhea and dehydration may be helpful but cattle with BVD cannot be effectively treated."

In the January 1987 issue of **Cornell Veterinarian** the following recommendation was published: The use of a killed vaccine in the Northeast is preferred because there are no adverse post-vaccine effects, Laudermilch explained.

The use of the modified live vaccine has been known to return to the wild strain and cause the disease, Laudermilch said.

Hutchinson said the modified live virus has been available for 15 to 20 years but should not be given to pregnant animals. The recently approved killed vaccine has the advantage of being safe for all ages of animals including gestating cows.

Neither vaccine should be used in herds which test positive for the virus, Hutchinson cautioned. Vaccinating animals with the disease further stresses the animal and does not help, he explained.

Recent findings indicate that some calves are infected before birth, Hutchinson noted. This happens when a cow is infected during pregnancy. The fetus is not killed when exposed to the virus because it doesn't recognize the virus as a foreign body, he added. The calf then carries the virus throughout its life without exhibiting symptons of the disease.

This type of infection occurs when a cow is infected with the noncytopathic type of BVD between 40 to 120 days of gestation, Laudermilch said. Infections which occur between 120 to 150 days of gestation result in calves with congenital defects or stillbirths, he added.

Hutchinson said the persistently infected calf, and later cow, sheds the virus throughout its life, perpetuating the virus within a herd. This is one possible explanation of why the virus occurs in closed herds which employ good sanitation procedures, he commented.

Dairymen involved with the recent outbreak have the time of year is their favor, Hutchinson said. Once the animals are out on pasture there is less of a chance that the disease will spread, he noted. "The virus carries readily under confined conditions where cows are in close contact."

Once infected animals may spread the disease through the manure, saliva, and discharge from the eyes and nose. "This is true with many diseases," the Penn State vet said. The virus attacks a lot of areas of the body — respiratory, digestive, and reproductive, he said.

BVD is "a very common disease. The virus is widespread," Hutchinson stated. The disease is also difficult to diagnose. He listed three ways to positively identify the disease: test blood samples for antibody, autopsy, or virus isolation.

Symptons of the disease, as listed in the Merck Manual, include: depression, anorexia, sometimes mild bloat, mild fevers, increased heart and respiratory rates, oral lesions, and the characteristic, profuse, watery diarrhea.

Hutchinson offered the following preventive measures in a newsletter he issued in the wake of the outbreak:

•"Avoid bringing new animals onto your farm. If you must introduce new animals isolate them for at least three weeks after arrival.

•Restrict human traffic on the farm. Keep visitors away from your barns unless they need to be there. Essential personnel who must be in the barn should wear rubber boots and protective clothing. Boots should be sanitized between each farm visit.

•Maintain optimum ventilation in barns.

•Spread animals out. If heifers and/or dry cows can be kept separate from the milking herd, animal density in the barn will be minimized. Pasturing may help reduce barn density."

"BVD, as well as other infectious disease problems, can be minimized by a program of preventive vaccination and good biosecurity measures," Hutchinson said.

BVD is not a reportable disease, therefore the Pennsylvania Department of Agriculture will not quarantine the infected herds or pay indemnities, according to Dr. Max Van Buskirk, director of PDA's Bureau of Animal Industry.

Tewksbury said the Pennsylvania Farmers Union is circulating a petition requesting PDA for an indemnity program for the disease. The petition requests PDA to classify BVD as a reportable disease. If it was reportable, Tewksbury reasoned, dairymen would have realized it was in the area sooner. This realization would have caused them to more cautious and possibly reduced the severity of the disease.

He noted the herds hit by the disease expect to continue inspite of the financial strain the disease has rendered.

Judging School Dates Announced

STATE COLLEGE — The Pennsylvania Junior Holstein Association will be sponsoring Judging Schools for Pennsylvania youth, regardless of breed orientation. These schools are open to all youth from ages 9 to 21 interested in learning more about the basics of evaluating dairy cattle.

There will be three schools held in the state with the local Holstein clubs coordinating the farms and helping to select the classes. The dates and locations are as follows:

• Eastern School - July 6 to 7. The school, hosted by Chester County, will have Jerry Meyers, instructor at Delaware Valley College, Doylestown, as the school official.

• Northeast School - July 8 to 9. The school, hosted by Tioga County, will have Creedin Cornman, Holstein breeder from Carlisle, as the school official.

• Western School - July 10 to 11. The school, hosted by Somerset County, will have Paul King, Holstein breeder from Delta, as the school official.

Each school will run from 12 noon to 12 noon. Cost will be $25 for overnight participants, this includes your evening meal and room charges. Those that commute will be charged $15, this includes their evening meal. There will be a $5 fee reduction for the second member of a family who attends the school.

The registration deadline is June 17, 1987. Reservations should be sent to the Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801.

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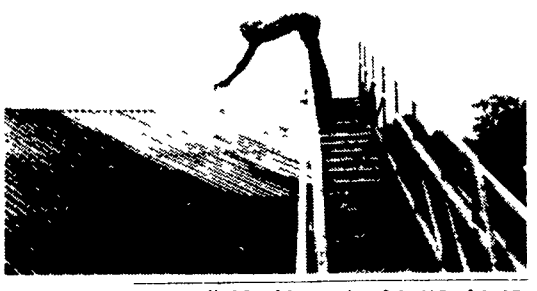

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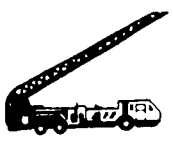

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SCHEDULE OF DISTRIBUTION STOPS

Tuesday, May 19, 1987

8:00 a.m. Lamar, Pa.- Rt. 64 across from truck stop
9:30 a.m. Unionville, Pa.- Rt. 220, Community Hall lot
11:00 a.m. Pleasant Gap, Pa.- Rt. 144 Logan Grange
12:30 p.m. Boalsburg, Pa.- Rt. 322, Firehouse and Fairgrounds lot
2:00 p.m. Centre Hall, Pa.- Rt. 45 & 144, Sale Barn lot
4:00 p.m. Lewistown, Pa.- Rt. 322, Holiday Inn parking lot
5:30 p.m. Mexico, Pa.- Walker Grange
7:00 p.m. Spruce Hall, Pa.- Rt. 75, Conns Old Store, Store Land Rd.

Wednesday, May 20, 1987

8:00 a.m. Kistler, Pa.- Rt. 17 & 850, Perry Kretzing Farm
9:30 a.m. Newport, Pa.- Old Rt. 22, N.O. Bonsell & Sons lot
11:30 a.m. Halifax, Pa.- Rt. 147, Sweigard Brothers lot
1:30 p.m. Camp Hill, Pa.- Rt. 11 & 15, Boscovs, Camp Hill Shopping Center
3:00 p.m. Newville, Pa.- Rt. 233 & 641, Zion parking lot
4:30 p.m. Willow Hill, Pa.- Exit 14 off 76, Willow Hill Restaurant
6:00 p.m. Fort Littleton, Pa.- Exit 13 off Rt. 76 & Rt. 522 at Fort Family Restaurant

Thursday, May 21, 1987

8:00 a.m. Orbisonia, Pa.- Rt. 522, Masonic Hall parking lot
9:30 a.m. McVeytown, Pa.- Rt. 522, White House Inn
11:00 a.m. McConnellstown, Pa.- Rt. 26, New Interprise Stone & Lime Co.
12:30 p.m. Canoe Creek, Pa.- Scotch Valley Grange, off Rt. 22
2:00 p.m. Bellwood, Pa.- Logan Valley Grange, Rt. 865
4:00 p.m. Chest Springs, Pa.- Rt. 36, Pleasant Hill Grange
5:30 p.m. Westover, Pa.- Harmony Grange

Friday, May 22, 1987

8:00 a.m. Coalport, Pa.- Rt. 53, Beech Wood park lot
9:30 a.m. Madera, Pa.- Rt. 53, Fire Hall lot
11:00 a.m. Kylertown, Pa.- parking lot across from truck stop

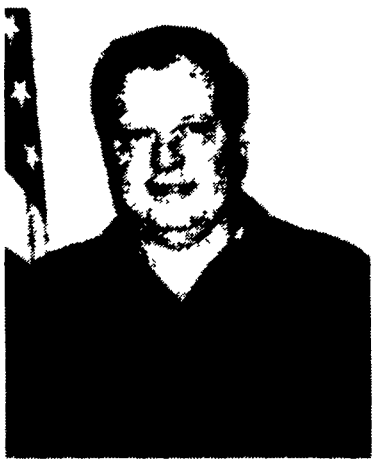
Wayne County Farmers Union Gains Charter, Elects Officers

BELMONT CORNERS — The Wayne County chapter of the Pennsylvania Farmers Union officially became chartered with the state organization at the recent dinner meeting held at the Belmont Corners Firehall.

Richard Pazel, Aldenville, was elected president of the Wayne County Farmers Union. Also elected were: Nick Kravetsky, Orson, vice president; Robert Williams, Starruca, treasurer; and Janet Lepro, Orson, secretary.

As president of the local, Pazel will serve on the state board of directors of the Pennsylvania Farmers Union.

Chet Reed, executive director of PFU, presented a background on the organization to the group.



Richard Pazel

William Sturges, a PFU fieldman from Wellsboro, offered assistance to the producers and noted he would be doing membership work in the county.

Arden Tewksbury, manager of the Farmers Union Northern Tier Milk Cooperative, thanked those farmers who aided PFU's involvement with Scheps Cheese in 1983. Tewksbury singled out Pete Carnick, Waymart, for his work for the Scheps producers.

Tewksbury urged the group to support PFU's attemt to prevent any further reductions in the milk support price. The price is scheduled to drop to $11.10 per hundredweight on Oct. 1, 1987 and to $10.60 on Jan. 1, 1988.

In July 1987 for Federal Order 2, Tewksbury predicted a net gross blend price of nearly $1.75 per hundredweight less than July 1981. He pointed out that the average dairy farmer in the area paid $10,000 in assessments or higher hauling costs since 1981.

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Penryn Couple Becomes Duck Parents

By Kathryn I. Shreiner
Record Express
Correspondent

Raymond Shreiner of Penryn became an unofficial "sidewalk supervisor" overseeing the renovation of the former Morgan Paper Mill building in Lititz. Raymond feels a part of the rebuilding process of Farmer's First Bank since he was a long-time employee of the former paper company. And, as a result of his almost daily vigil supervising the restoration of the mill he now has an added responsibility.

As the men were working on the building, a duck sitting on a nest of eggs was disturbed. The duck flew away leaving her eggs exposed to the elements. Shreiner took the unhatched wild duck eggs to a new home — his home in Penryn.

Shreiner and his wife, Verna, improvised a make-shift brooder stove using their living room heater and wrapping the twelve ducks eggs in a blanket providing a warm area for incubation. Their efforts were successful because the first egg hatched April 24 and the last egg hatched May 6. The ducks are in various stages of growth as the eggs hatched 12 days apart — two ducklings each time for a total of six.

They were fed a diet of hard boiled eggs with bread and milk. Mrs. Shreiner added, "this was a farm duck recipe" that her family fed their baby ducks when hatched. The ducks are now fed duck mash. When the Shreiners start their morning activities, the ducks noisily quack for food and attention.

Wild ducks have an innate love of water, RIGHT! Wrong, when introduced to water in a wash basin Mrs. Shreiner stated, "They were flabber-gasted and were so cold. I then put them in their warm box and covered them with a blanket and they slept like babies."

However, Shreiner's daughter, Diane Barnett, recently made good her threat to give the ducks a swim in the bath tub. The ducks took to the experience quite well, thank you!

Neighbors, friends and family visit almost daily to check on the progress of the ducks. Carol Bushong (daughter) held an egg in her hands, gently lifted it to her ear and exclaimed. "I hear all kinds of neat sounds."

The Shreiners granddaughter who received a bunny as a present for Easter said she would like to trade her bunny for a baby duck.

All were fascinated when a tiny hole was pecked in the egg during hatching and noted it took the duckling one-and one-half hours to be free of the shell. When the beak was free of the shell, the duck would call and the hatched ducks appeared to reply.

So conditioned are the tiny ducks to Shreiners footsteps that when either of them enters the living room the ducks become quiet.

Mrs. Shreiner, a tidy housekeeper added, "I surely hope this is the last time the living room becomes a duck hatchery."

The ducks will be released to their natural environment when they are older. This will not be an easy labor of love as all involved in tending or watching the antics of the wild ducks will sorely miss them.

Raymond and Verna Shreiner proudly display several of the wild ducklings they helped hatch and continue to nurture at their Penryn home.

Maryland Gypsy Moth Spraying Continues

ANNAPOLIS, Md. — Secretary Wayne A. Cawley Jr. announced that the Maryland Department of Agriculture's 1987 campaign against the Gypsy Moth began on April 27 and will continue through early June as the program moves across the State, treating 132,000 moth-infested acres across Maryland.

This spraying program is made necessary by the devastating deforestation of vast areas of the State, resulting in loss of wildlife habitat, income from timbering operations, and creation of erosion problems and possible damage to historical watershed recharge areas. According to Robert H. Tichenor, Chief of MDA's Forest Pest Management Program, this suppression effort has been designed specifically to target Gypsy Moth in an environmentally sound manner.

Single aerial applications of either B.t. of diflubenzuron are being made in accordance with all Environmental Protection Agency requirements, and only when weather conditions are ideal. Spraying is done at very low levels — about 50 feet above the treetops — to ensure thorough coverage of tree leaves and containment of spray within specific target areas. Pilots are expert and fly in compliance with all Federal Aviation Agency requirements for low-level flying.

Treatment for Gypsy Moth will continue through May as the program moves north and west across Maryland, treating trees as they leaf out for the summer, and will end the first week of June in Garrett County. Spraying will begin at dawn each day and continue until dark, weather conditions permitting.

Residents in treated areas have been notified and should be aware that the program is in progress. "We are right on schedule so far," said Tichenor, "and the Department wishes to assure the public that we are taking great care to ensure the safety of all but the Gypsy Moth."

For further information, contact MDA's Forest Pest Suppression Program, 301/841-5922.

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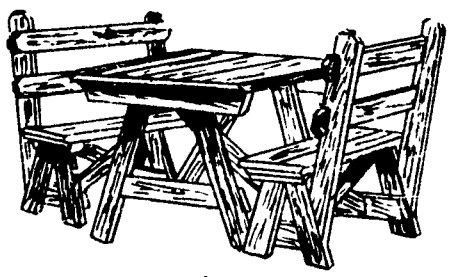

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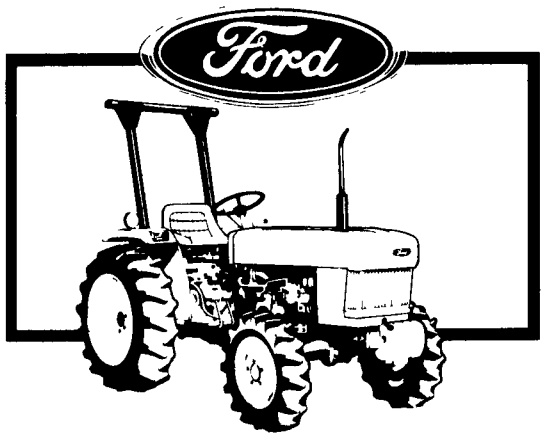

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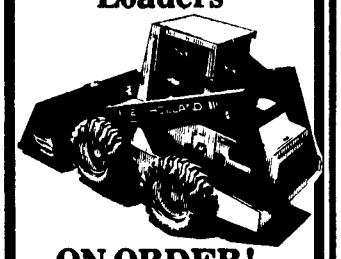

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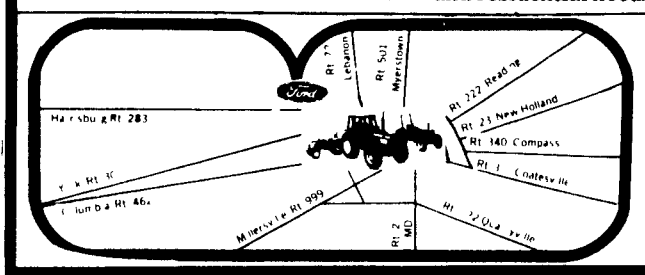

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Dairy Shrine's National Goal Set At 500 New Members

UNIVERSITY PARK — It was not formed in the hallowed halls of academia. Nor did professors establish it to honor their own.

Instead, the Dairy Shrine was founded by a small group of dairy leaders interested in the preservation and improvement of the nation's dairy industry.

The work of the Dairy Shrine has expanded beyond the original purposes of recognition and commemoration. Cooperation with the other dairy groups is an important part of today's program. The Dairy Shrine has always fostered a sincere interest in the projects and activities of dairy youth organizations.

Today, its primary expenditure is for college scholarships to aid the education of tomorrow's dairy leaders.

The Dairy Shrine, founded in 1949, funds the $2,000 Kildee Scholarship, awarded annually to the high individual judging all breeds at the National Intercollegiate Dairy Cattle Judging Contest.

A $500 cash award is presented to an outstanding senior college student to encourage students to remain closely associated with dairying upon completion of their formal education. Additional awards are presented to the second through fifth high individuals in both the National Intercollegiate judging contest and the National 4-H Dairy Cattle judging contest.

The Shrine also administers the three scholarships offered by the United Dairy Industry Association. One $1,000 and two $500 scholarships are offered to qualified undergraduates who plan to pursue careers in dairy products marketing.

The club recognizes an active breeder of registered dairy cattle. The dairy cattle breeder's award is presented at the annual meeting.

Leaders of the past are honored through the Pioneer award. The deceased honorees' portrait is hung in a special room at the National headquarters in Fort Atkinson, Wis.

Present leaders of the dairy community are recognized for their leadership and contributions to the dairy industry on an annual basis.

President Robert "Whitey" McKown notes in his recent newsletter, "Every dollar goes to work supporting the many activities of our organization...There is no diversion of funds for officers' compensation even though our secretary and treasurer put in many long, hard hours on Dairy Shrine's behalf."

Membership in the Dairy Shrine, now totals over 11,000 members in all 50 states and many foreign countries. Members of the Dairy Shrine are those individuals who have an interest in recording the past and preserving the future of the dairy industry.

Dr. Larry Specht, Penn State University dairy specialist, has served as Pennsylvania's membership chairman for the past 17 years. He notes the membership goal for the nation stands at 500 new members for the year ending July 31. "We have a long way to go," he said.

In Pennsylvania, at the end of the 1986 Dairy Shrine year, membership totaled 943. "My personal goal is to go over the 1,000 mark Pennsylvania," Specht said.

McKown noted in his recent newsletter, "New memberships are vital if we are to continue the present Dairy Shrine activities."

The 1987 Dairy Shrine Awards banquet will be held in Madison, Wis., on Oct. 1, in conjunction with the World Dairy Expo. However, the 1988 national meeting of the Dairy Shrine will be held in Harrisburg at the time of the All-American Dairy Show, Specht notes. Now is the time for Pennsylvanians to join the organization in preparation for next year's 39th anniversary of the founding of the Dairy Shrine.

Lifetime membership in the Dairy Shrine is available at a one-time cost of $35. There are no further dues or fees. Individuals interested in becoming a member need to simply fill out the application and return it to the secretary of the organization.

New members receive a hand-lettered, laminated certificate, the Dairy Shrine President's newsletter twice annually and a silver, Dairy Shrine lapel pin.

Specht invites anyone who needs help with membership to contact him at his University Park office: 8 Borland Lab, Dairy Science Extension, Penn State University, University Park, PA 16802, or at 814-863-3910.

APPLICATION FOR MEMBERSHIP IN DAIRY SHRINE

Are you a breeder of dairy cattle? If yes, mention breed.

_____

Are you identified in dairy educational circles? If so, give the institution you represent and your title

_____

_____

Are you identified with industry, either manufacturing or publishing? Give company name and title

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Date _____

Believing in the objectives of the Dairy Shrine and wishing to join this organization, I enclosed $35.00 for life membership.

Name _____
Please print

Address _____

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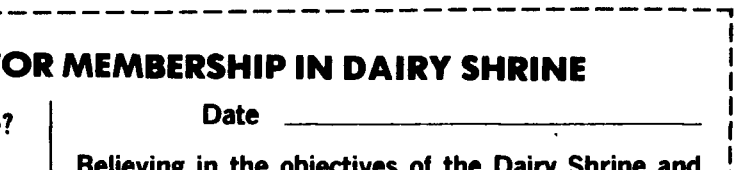
Zip Code

Applicant recommended by Larry W Specht

Note to applicant Please print name and address as you wish it to appear on your life membership certificate answer the appropriate questions at left have this form signed by a Dairy Shrine member and mail it with your check to Dairy Shrine James Leuenberger Secretary 21st Century Genetics Cooperative 100 MBC Drive Shawano WI 54166



The permanent home of the National Dairy Shrine's museum is located in Fort Atkinson, Wis.

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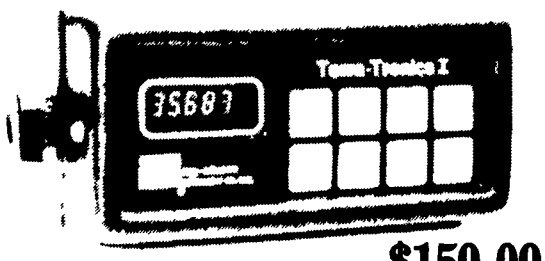

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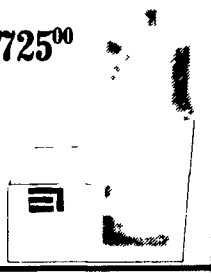

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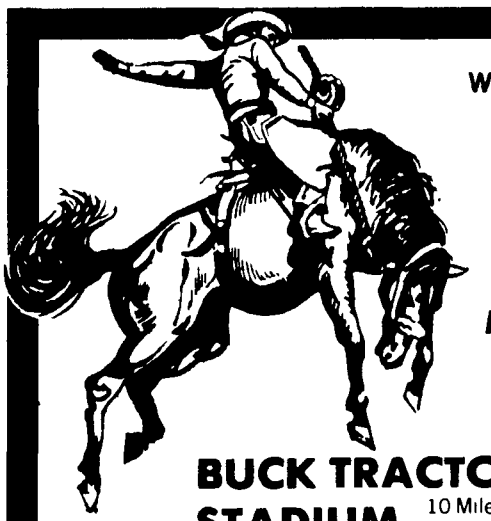

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Growth Hormone

(Continued from Page A1)

different amounts of ST–30, 60, 120 and 200 micrograms per kilogram of bodyweight–on a daily basis. Pigs injected with 60 micrograms posted the highest ADG, at 2.48 pounds per day, with a feed efficiency of 2.49 (2.49 pounds of feed per pound of live animal produced).

When the dosage was increased to 120 micrograms ADG slipped to 2.42 pounds, but feed efficiency improved to 2.18.

Although both feed efficiency and ADG declined modestly at the 200-microgram dosage, this group of pigs posted a remarkable 55-percent reduction in total carcass fat along with a 27-percent increase in protein.

This is just the kind of news fat-conscious consumers want to hear, says Don Beerman, a Cornell associate professor who collaborated with Boyd on the study. "Besides the trimmable fat, you also remove intramuscular fat (better known as marbling) which couldn't be removed physically," Beerman points out.

While somatotropin's ability to increase milk production in dairy cows was documented in the mid-1930s, ST's ability to increase growth rates in ruminant meat animals wasn't demonstrated until 1985. Experimenting with feedlot lambs, British researcher Ian Hart recorded an 18-percent increase in growth rate, with increases in feed efficiency ranging from 15 to 18 percent.

At present, little work has been done on the effects of ST on beef cattle. While most experiments have examined ST's effects on market hogs and lambs, some of Dean Boyd's research does indicate that the hormone can increase milk production in lactating sows.

From the consumer's standpoint, the question of residues is at least as important as the fat issue. And researchers are pleased to report that residues should pose no problem in ST-treated pork. "There is no reason to suspect that there will be a residue problem," says Kensinger, noting that ST is produced naturally in mammals and degrades quickly in the stomach. Kensinger also points out that the dosages needed to promote growth are extremely small (one microgram is one-millionth of a gram).

While the commercial use of extracted somatotropin would be prohibitively expensive, researchers now have the know-how to produce it synthetically. The major stumbling block at this point is the fact that the hormone must be injected daily, which isn't practical in a commercial operation. What's needed, says Ron Kensinger, is an implant or a long-acting injectable form of the hormone.

"We expect within the next two to five years a delivery system will be approved by FDA," says Don Beerman.

Kensinger concurs. With ST already being produced synthetically, and more efficient treatment methods just around the corner, the Penn State researcher expects the cost of somatotropin to drop to "literally pennies" within a couple of years.

In experiments conducted at Penn State, pigs receiving daily injections of porcine somatotropin (right) for 77 days produced 100 percent larger loin-eye and 70 percent less backfat than untreated pigs (left).

Derstine Dispersal Nets $1,850 Top

SMOKETOWN — A fancy grade topped the recent herd dispersal of Abraham and Elizabeth Derstine, Athens, by selling for $1,850.

The cow, fresh Feb. 28, 1987, completed a high record, at 5 years and 9 months, of 30,588 milk and 988 fat in 305 days. She owns a second 305-day record of 26,997 milk and 964 fat. Her 2-month-old calf by Jon Vel Conductor Mel sold for $290.

A second grade sold for the next high price of $1,800. Fresh in the beginning of March, she is milking at the 120 pound level. The 7-year-old cow produced a top record of 28,871 pounds of milk and 878 pounds fat.

Miracle-Hill Chip Abbie sold for $1,775. The Diamond-Grove Chip daughter completed a high fat record of 941 pounds and a high milk record of 27,670 pounds.

Her calf, A and B-Daree Ivanhoe Bell Agnes, sold for the top price of the calves at $700. Born in Jan. 10, 1987, she was sired by Penstate Ivanhoe Star.

A dry grade due in May to Tabur Tornado also sold at the $1,775 level. She produced best efforts of 27,354 pounds of milk and 884 pounds of fat.

The next high price of $1,725 came on a dry grade. She is due at the end of May to Hill Ranch Elevation Dynamite. Her top record stands at 28,355 pounds of milk and 947 pounds of fat in 305 days.

The next two prices were $1,575 and $1,525 on two grade cows.

A pair of twin grade heifers sold for $1,200 a piece. They were born Nov. 17, 1985. Both were bred with one confirmed safe with calf and due in August. The second one was bred in January. Their dam produced a top record of 27,300 pounds of milk and 855 pounds of fat.

The top 10 animals sold averaged $1,670; the top 20 averaged $1,502; and the top 30 averaged $1,375.

The sale, held May 8, was managed by Smoketown Quality Dairy Sales Company, Smoketown.

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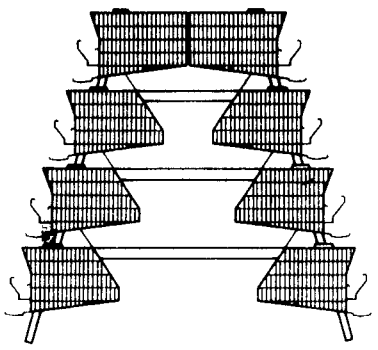

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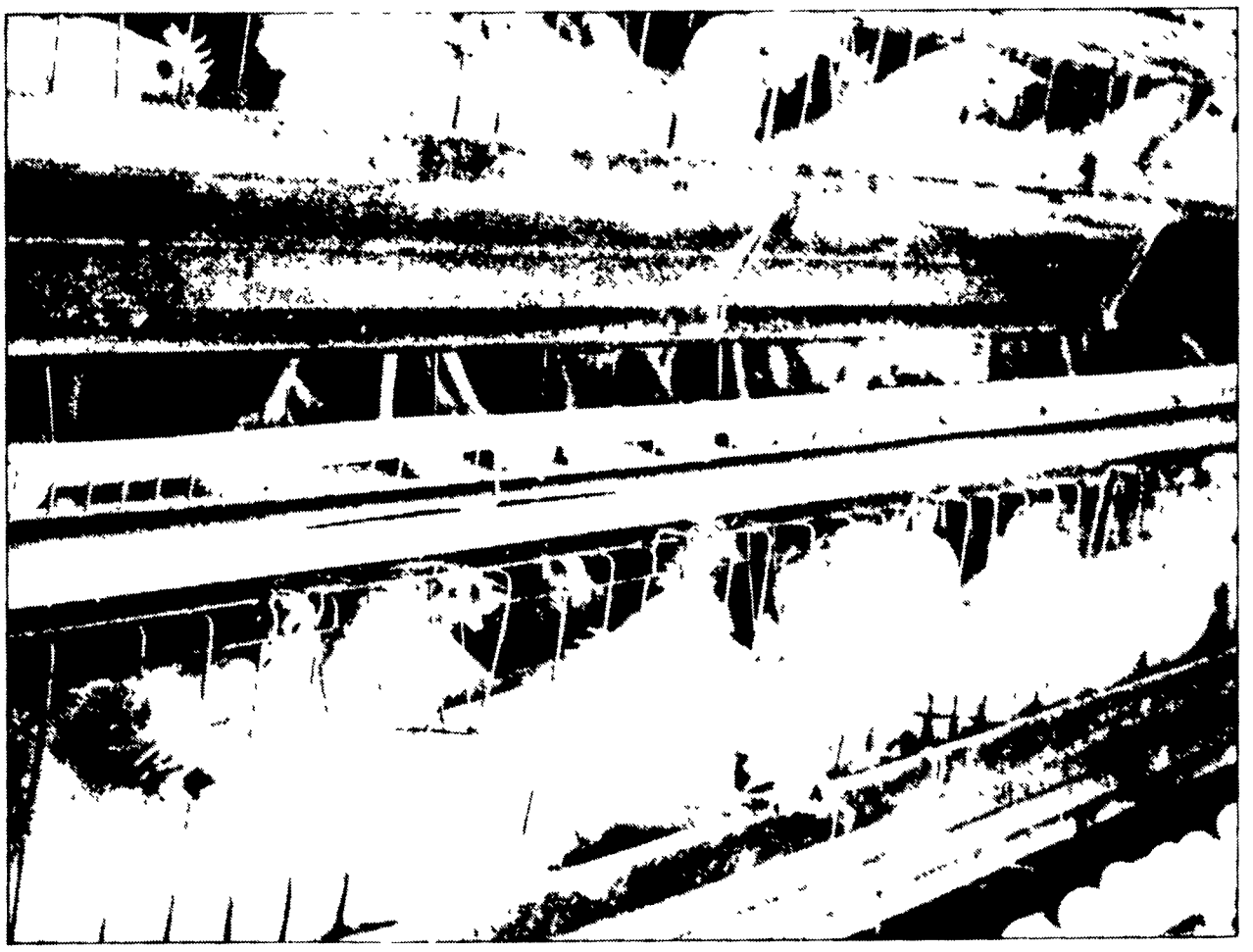

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Ag Leaders Share Views With Farm Press

(Continued from Page A1)

we'll know if we have a chance to bail out of our debt," Denison said.

He gave an example where the farmer had a $7,500 debt load per cow, and the lender thought the farmer could borrow his way out of trouble. "At the time the interest rate was 18 percent and the interest payment per cow was $1,300. Feed would have taken another $700 or $800 while the most gross income from that cow would have been $1,850. By using records, we can see when and what costs are high. And you can change things like crop rotation to maximize the best use of the farm resources," Denison said. "Everyone can drive a tractor, but it takes a businessman to be a farmer."

Denison gave 15 points for a good farmer business:

1. Maintain good financial and production records.
2. Use and analyze records.
3. Base management decisions on these facts.
4. Don't be afraid to use information or advise from others.
5. Be wiry of lenders who want to over-lend.
6. Emphasize operating margins, not price.
7. Learn to say no to equipment purchases.
8. Purchase items that produce income.
9. Develop sound production management programs.
10. Get rid of unneeded assets.
11. Set goals.
12. Develop a plan to achieve the goals.
13. Become more interested in marketing.
14. Don't be caught in the open account syndrome from equipment and feed dealers.
15. Develop a positive attitude towards your business.

Denison noted that in the 1986 tax year Pennsylvania farmers paid more tax than in 1985. In 1985 farmers paid more income tax than they did in 1984. "That tells you each year was a little better," Denison said. "But it also tells you that instead of reinvesting in equipment and taking investment credit, farmers reduced their debt load. There is no sin in paying taxes if you make the money, and it doesn't make sense to reinvest. You will pay income tax. But that is a better move to make than to go further into debt."

"By the year 1981 the second highest expense on a dairy farmer's tax return was interest payment, exceeded only by feed," Denison said. "This was also the first year since 1985 that a dairy farmer could not sell his cattle and equipment and have his land debt free. I think the outlook for farmers in Pennsylvania is bright for the good manager. But it is not without its pitfalls. Farmers need to deal with budgets, financial management, farm tax management and detailed financial records if he is to develop a higher net farm income."

Johnson told the Farm Communicators that there is a lot more involved in the dairy business than to fill the bulk tank. Dairy farmers are best suited to develop the policies of marketing milk because they are funding the generic advertising programs with 15 cents per hundred from their milk checks. Ten cents of these funds are available for regional nearby market credits and at least five cents goes to the National Dairy Board. Funds are used for advertising, promotion, nutritional education, nutritional research, new products development and communications to dairy farmers.

"The goal of generic advertising is to develop market demand for raw milk at the farm gate," Johnson said. "The areas that best impact this objective is fluid milk sales (38 percent of the market), cheese (28 percent of the market), and butter (19 percent of the market)."

"In the field of generic commodity promotions, economic studies suggest that the message frequency is far more important than the so called theme line in registering consumer response," Johnson said. "Since the major objectives of generic advertising is to 'grow the market' then the consumer message will be basically the same in all promotional advertising," Johnson concluded.

Egg-Laying Cicadas May Injure Fruit Trees, Shrubs

YORK – The periodical or 17 year cicada is targeting southeast Pennsylvanian counties later this month. Beginning in mid-May, mature cicada nymphs will dig themselves out of the ground in great numbers. They will crawl to the nearest tree trunk, a shrub or some other vertical surface and climb up several inches. The skin of the nymph will then split down the back and the winged, adult will emerge. The adults are 1½ inches long, mostly black with red eyes. The males will produce an ear-splitting, high pitched whine.

Small orchards or backyard fruit trees, shade trees or deciduous shrubs should be protected from female egg-laying in pencil-size to ½ inches in diameter branches. Netting or some kind of cloth for the duration of the egg laying period may prevent damage to young trees. This cloth or netting should have a mesh size that is no larger than about ¼ inches. Place netting on the trees when the first male "singing" is heard. Remove after adult activity has stopped.

Fruit trees less than 4 years old should receive protection against damage. Properly timed sprays of wettable powder insecticide formulations are recommended depending on the type of plant. Apply the first spray just before egg laying begins. This is approximately one week after the male cicadas start their singing. Either Phosmet (Imidan) 50% WP or carbaryl (Sevin) 50% WP is the suggested pesticide to use. Carbaryl is not recommended on fruit trees closer than 30 days past bloom because of the possibility of fruit thinning. Two to four pesticide applications at 4 to 5 day intervals may be necessary where populations of ovipositing cicadas are high. Follow label directions for mixing and applying.

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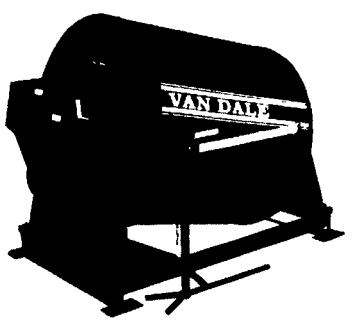

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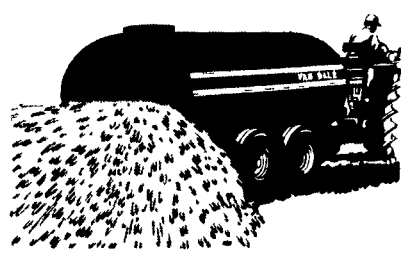

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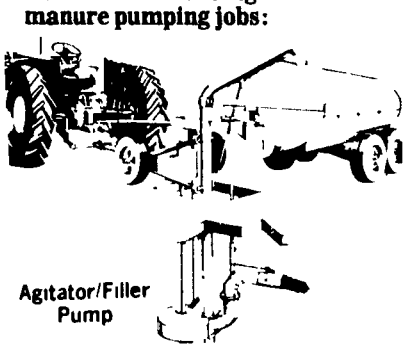

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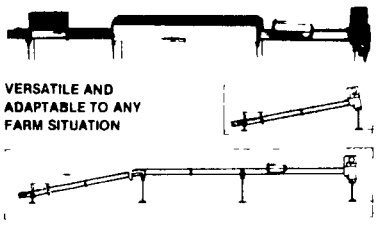

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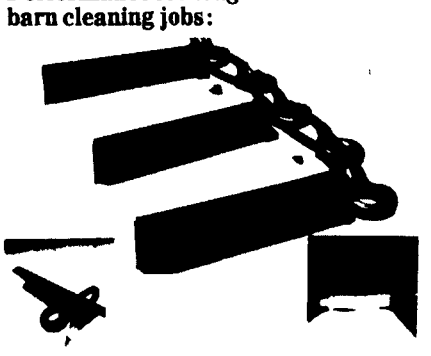

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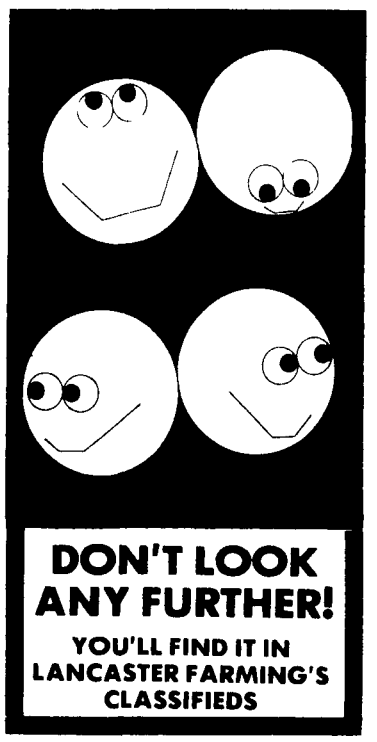

DON'T LOOK ANY FURTHER!
YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

30 YEARS AGO
THIS WEEK

— With dust clouds following plows and planters in many farming areas of Pennsylvania some farmers have delayed efforts to plant crops after three weeks of little or no rain, the State Department of Agriculture said today.

Dry, hard fields have made plowing "dusty and difficult," according to the weather and crop summary issued by the Pennsylvania Crop Reporting Service for the week ended Monday.

— Now is the time to . . . make grass silage from winter rye; to spray alfalfa aphids, weevils second time; to apply pre-emergence on corn; to spray dairy barns for fly control.

— Continuous process for producing a peach puree concentrate and a frozen peach nectar concentrate has been developed through research at the U.S. Department of Agriculture's Eastern Utilization Research and Development Division, Philadelphia.

In this process the volatile flavors that normally would be lost in processing the fruit are recovered and the products have excellent natural fruit flavor. They also retain good color, due to rapid inactivation of browning enzymes early in processing. This research on peaches followed work on methods of preserving the flavor essences of strawberries, grapes, apples and other fruits.

— In preparation for peak production before and during June Dairy Month, Pennsylvania dairy cows came through with increased output of milk during April as they sifted from low quality dry feed to lush pastures, the State Department of Agriculture announced today.

— Cause of a mysterious tomato disease that has been worrying growers and processors for years has been established by a plant pathologist at the Pennsylvania State University. John S. Boyle, associate professor of plant pathology, found that an abnormal ripening disorder of tomato, commonly called internal browning, is caused by the tobacco mosaic virus.

Ready Bins Now For Spring Grain Crop

NEWARK, Del. — Wheat and barley harvest will soon be starting. Growers sometimes wait until the last minute to prepare storage bins for their new grain crop. But it pays to start the job early enough to clean bins and make the repairs and alterations needed to maintain the quality of the grain until it can be sold.

Before tackling this chore, make sure you have the necessary safety equipment on hand. This is very important, because the dust in the bins will become airborne when you start cleaning. Wear good particle or dust respirators when going into any bin, and provide as much air as possible.

"This may seem like a lot of bother," says University of Delaware extension agricultural agent Dean Belt, "but if you've ever known a farmer suffering from the lung problems associated with grain-bin dust and molds, you'll agree that these precautions are worth the trouble."

Bin preparation involves a number of procedures. Basically, though, your goal is to make bins rodent proof and leak free, and to ensure that loading can take place with as little loss of grain and time as possible, the county agent says.

Clean dust, old grain and dirt from ceilings, ledges and walls. Also remove spilled grain and other debris from bin floors and the ground outside. This trash harbors weevils that can infest the new grain.

Once bins are clean, they're ready for spraying. Use only registered insecticides and follow label directions and safety precautions carefully. Belt recommends treating bin walls, ceilings and ledges with one of the materials listed below.

Methoxychlor 50% WP	1 lb/3 gal water	treats 500 sq ft
Methoxychlor 25% EC	1 qt/3 gal water	treats 500 sq ft
Malathion Premium Grade	1 pt/3 gal water	treats 500 sq ft
Pyrethrins 6% EC plus piperonyl butoxide 60%	1 pt/7 gal water	treats 700 sq ft
Reldan 4E or 3% Dust	Use according to label	

Wear an approved chemical respirator while mixing and applying any of these chemicals.

Don't forget to clean any equipment that might still have grain left in it from the last harvest. This is one quick way to infest a new crop, Belt says.

You can also add a grain protectant when filling bins. Apply this as the grain enters the auger. One product labeled for direct use on grain is premium grade malathion 57 percent EC. Use this at the rate of 1 pint in 2 to 5 gallons of water per 1,000 bushels of grain.

"Such precautions can help prevent problems later on," Belt says. "Store only clean grain at the proper moisture level."

State DHIA Officers Elected

UNIVERSITY PARK — In state board elections held in April, new state officers were named for the Pennsylvania Dairy Herd Improvement Association. Elected to one-year officer terms were: Clyde Robison, Washington County, president; Stanley Brubaker, Potter County, vice president; William Jackson, Fayette County, secretary; Nelson Stoltzfus, Chester County, treasurer. In other elections, Joe Lyons, Columbia County, was elected to a one-year term on the retirement and insurance committee.

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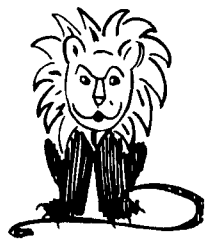

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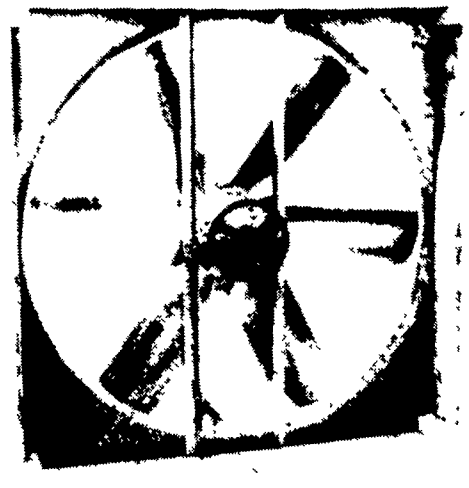

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Sundae Celebration To Mark Two Occasions

TOWSON, Md. — On July 1, Philadelphians and visitors to the city's historic Independence Mall will be treated to a festive celebration to kick-off July Ice Cream Month and the 200th Anniversary of the U.S. Constitution. Called, "Everyday is Sundae," the ice cream celebration promises to be a delectable and enjoyable event for everyone.

The Advertising and Promotion Agency of the Middle Atlantic Milk Marketing Area and local ice cream manufacturers are working together to put on the celebration. Those who attend the event will be treated to a tasty variety of ice cream treats, as the ice cream manufacturers offer free samples.

The day's events will include ice cream making demonstrations, the creation of a giant 126 gallon ice cream sundae, free balloons for the kids, live music, a live cow and calf, and plenty of ice cream. Visitors will have the opportunity to meet State Dairy Princess, Pam Kindig, and many of the county dairy princesses.

"Everyday is Sundae" will be held in the Judge Lewis Quadrangle of Independence Mall located at Fifth and Market streets. Festivities begin at 11 a.m. and conclude at 3 p.m. Participating ice cream manufacturers include, Bassett's Ice Cream, Penn Dairies, Jack and Jill Ice Cream, Turkey Hill and Haagen Dazs.

Chef's Contest

Tying in with this public ice cream celebration will be a contest for Philadelphia's chefs, as MAMMA encourages these chefs to "Create a Historic Sundae for Philadelphia." Chefs from 350 of Philadelphia's restaurants will be sent an ice cream parfait glass embossed with a "REAL" Seal in a box with contest rules and an entry blank as a personal invitation to participate. Over 50 of parfait glass invitations will be hand delivered.

The prizes have not yet been determined. The finalist will be determined by a Philadelphia restaurant school. These finalists will be asked to prepare their recipes at the Society Hill Sheraton.

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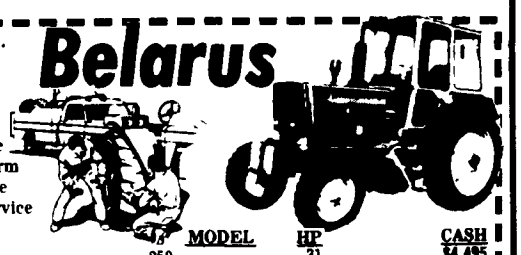

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562	70		$13,679
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822 w/cab	85		$15,995
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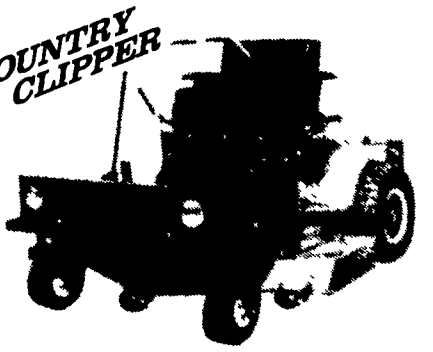

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Eastern Shore 4-H Show Crowns Champions

BY SUE CROW
Maryland Correspondent

CENTERVILLE, Md. — The Queen Anne's County 4-H Park in Centerville was the site of last week's Eastern Shore Spring 4-H Show. Former Cecil County extension agent Janet Shank Stiles from Waverly Farms judged 60 animals.

Sam Davis, Earlville, walked away with first place in two cow classes as well as the senior and grand champion titles. His first placed aged cow was named grand and senior champion with his 2 year old receiving the nod as reserve grand and reserve senior champion.

Donovan Hollingsworth showed the junior champion with Paige Davis taking the reserve junior champion title of the show.

In the fitting and showing classes, Paige was the Sweepsteak winner. She competed against last year's winner, her brother, Sam Davis. Paige, the Intermediate winner, was also the overall winner after competing against the other age group winners. Jonathan Mason was the Novice winner. Donovan Hollingsworth received the Junior title. Chad Vosburg netted the Senior Fitting and Showing honors.

In the Guernsey classes, the grand champion rosette went to Adam Messix with Jill Edwards taking the reserve. Their animals were the senior and reserve senior champions of the show, respectively. Mark Simmons copped the junior championship. Messix claimed the reserve title with his first place summer yearling.

The following are the first and second places of the show.

Winners of the fitting and showmanship classes at the recent Eastern Shore 4-H Dairy Show include: Jonathon Mason (left), novice class; Donovan Hollingsworth, junior class; Chad Vosburg, senior class; and Paige Davis, intermediate, overall and sweepsteak class. Offering congratulations is judge Janet Shank Stiles.

Holstein
Junior Heifer Calf — 1 Gregg Knutsen
Intermediate Heifer Calf — 1 Bret Franklin Dulin 2 Audra Debnam
Senior Heifer Calf — 1 Bret Franklin Dulin 2 J R Skinner
Summer Yearling Heifer — 1 Donovan Hollingsworth 2 Audra Debnam
Junior Yearling Heifer — 1 Audra Debnam 2 J R Skinner
Intermediate Yearling Heifer — 1 J R Skinner 2 Audra Debnam
Senior Yearling Heifer — 1 Paige Davis 2 Brian Schrader
Junior Champion
Donovan Hollingsworth
Reserve Junior Champion
Paige Davis
Jr 2 Year Old Cow — 1 Audra Debnam 2 Dawn Skinner
Sr 2 Year Old Cow — 1 Sam Davis 2 Jill Edwards
Aged Cow — 1 Sam Davis 2 Dawn Skinner
Dry Cow — 1 Karen Knutsen 2 J R Skinner
Senior and Grand Champion
Sam Davis
Reserve Champion
Sam Davis
Dam and Daughter — 1 Sam Davis 2 Karen Knutsen
County Herd — 1 Cecil County 2 Queen Anne County

Guernsey
Summer Yearling Heifer — 1 Adam Messix
Junior Yearling Heifer — 1 Mark Simmons
Intermediate Yearling Heifer — 1 Mark Achuff
Junior Champion
Mark Simmons
Reserve Junior Champion
Adam Messix
3 Year Old Cow — 1 Jill Edwards
4 Year Old Cow — 1 Adam Messix
Senior and Grand Champion
Adam Messix
Reserve Champion
Jill Edwards

Balloon Lift For Farmers

(Continued from Page A1)

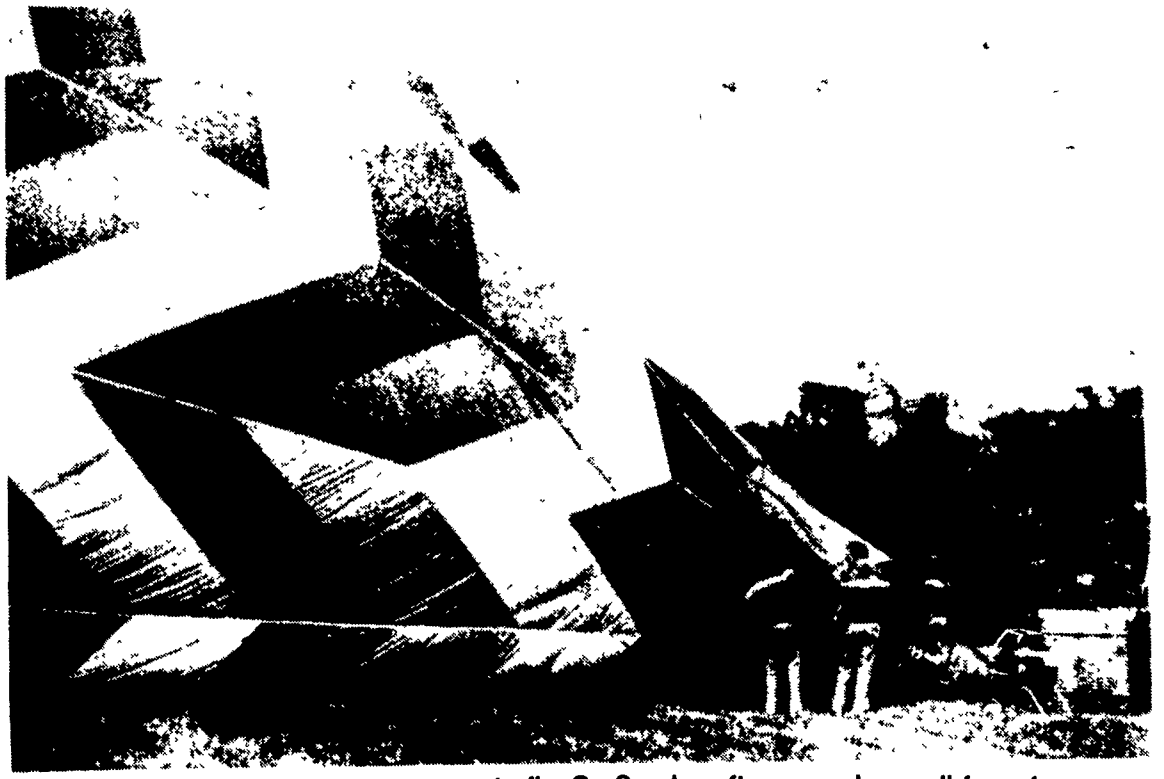
torara High School grounds. Almost all of the farmers we meet are exceptionally friendly," Wayne said. "They pull us out of the mud with their horses and tractors. They help us carry the balloons when we land in out-of-the-way places. They have given us breakfast when we come down after an early morning flight. We can just feel the empathy, the harmony, the peace and the enthusiasm from farmers when we're out for a ride," Wayne said.

Of course the balloonists make every effort to not scrare livestock and to come down in public or grassy areas where no damage is done to crops. "But when you are at the mercy of the air currents, sometimes you need to make emergency landings."

A goal of $250,000 has been established nationwide. And all moneys contributed will be distributed directly to farmers facing foreclosure from a nationwide lottery. Cashiers checks in inclements of about $50,000 will be presented to the winners. Contributions will be raised through passenger fairs, balloon club rallies, corporations and donations from the general public.

The Chester County Farmers' Association and the Octorara Young Farmers are cooperating with the county balloonists for Sunday's event. Late Thursday afternoon this editor was set to make a trial lift to take some pictures of Chester County farms from the Lollipop Balloon, but the wind refused to settle itself, and the attempt was unmanageable. So a wind check (usually known as a rain check) was given. So until such time as we can get up, up and away in the Lollipop Balloon, you'll need to wait to see what farms we drift over.

But really, why wait on us. Go ride a balloon tomorrow afternoon and take your own pictures. The passenger fee goes for a good cause. And if you send Lancaster Farming your pictures, we'll publish them and let the whole world know what you saw that we didn't.



The Lollipop Balloon crew prepare to fly. On Sunday afternoon plans call for a farm benefit balloon liftoff from the Octorara High School grounds.

State Senate Recognizes Ag History

HARRISBURG — The Senate of Pennsylvania unanimously adopted a resolution recognizing the 100th anniversary of the establishment of the state's Agricultural Experiment Station, reports Senator Edward W. Helfrick, chairman of the Agriculture and Rural Affairs Committee and prime sponsor of the resolution.

"A February 1, 1987 Senate resolution called for the establishment of the experiment stations," said Helfrick. "Pennsylvania legislators joined with representatives from other states in requesting action from the United States House of Representatives in response to the unified demands of agriculture's leaders to provide for promoting the advancement of practical and scientific agriculture. As a result, the federal Hatch Act was passed on March 2, 1987.

"A century later, the Senate of Pennsylvania formally acknowledges the enormous success of this federal-state partnership," added Helfrick. "Investments in research have produced hybrid crop and animal strains, labor-saving equipment, improved farming and forestry practices, animal disease control, modern breeding techniques, and more efficient farm management practices. These advancements have helped produce a standard of living that is the envy of the world."

Helfrick noted the Pennsylvania Agricultural Experiment Station was established at the Pennsylvania State College (now University) in July, 1887. Also known as the Office of Research at Penn State's College of Agriculture, the facility has become nationally renowned.

The Office of Research has 250 active research projects, involving the work of more than 300 scientists. These researchers are assisted by more than 200 graduate students and hundreds of full and part-time employees, according to Helfrick.

"Studies cover a wide range of disciplines," said Helfrick. "Research projects address social and economic problems facing the agricultural community. Dairy, poultry, fruits, vegetables, ornamentals, turf, forestry and forage product are some of the important commodities being studied, as well as agricultural education, food science and engineering."

Joining Helfrick on sponsoring this resolution were: Senators Noah Wenger; Patrick Stapleton; Roger Madigan; James Rhoades; John Peterson; Roy Wilt; J. Doyle Corman; James Kelley; and Roy Afflerbach.

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Hooray for spring!

These cows have just come from the milking barn over the hill toward the pasture along Route 501 just north of Lititz. They didn't pay much attention to the Editor's camera in their intense desire to get to the green grass.

Actually, the green meadows of spring make all of us farm creatures (man and beast) feel especially good at this time of year.

Hooray for spring!

BMPs Offer Conservation Options

FLEMINGTON, N.J. — At last... we have a good definition of the term Best Management Practice, often abbreviated as "BMP."

This term is appearing more and more in publications, regulations, recommendations of organizations concerned with soil and water conservation and animal waste control.

The definition, admittedly lengthy, goes like this:

"A best management practice means a land-use practice, or combination of practices that is determined to be the most effective practical, economical, and technologically sophisticated means to better manage and utilize farm animal wastes and prevent or reduce soil erosion while at the same time protecting water quality."

Agricultural landowners, farm owner or manager, with manure management or soil erosion problems should consider the BMP's appropriate to their situation. Not only will BMP's help reduce erosion and improve use of animal wastes, but they will increase the value of the farm.

Most of these BMP's are low-cost, easy-to-install. They can help the large farm animal owner to better manage, utilize and dispose of manure. Crops, vegetable, and nursery farm owners can increase soil fertility and soil water-holding capacity, and eliminate water drainage problems by installing the right BMP's.

Included are:

- Diversions which steer water away from areas where animal waste is stored. A diversion, along with other BMP's can improve on-farm drainage, reduce flooding, eliminate wet areas.
- Filter or vegetative strip which reduces runoff by intercepting and slowing water runoff.
- Proper manure storage which can move manure piles from gutter downspouts and concentrated flow areas.
- Gutters and downspouts which by adding to farm buildings can be a big help in keeping water runoff clean, reducing erosion and water drainage problems.
- Add fencing to keep animals out of streams.
- Storage structures can reduce bacteria and nutrient losses; they can facilitate pickup and disposal of animal wastes.
- Composting management preserves plant nutrients for later use. Once composted, this material has many uses and can be highly beneficial to the soil.
- Waste storage ponds aid in managing farm animal wastes.
- Terraces provide surface water management practices to prevent gully erosion.
- Grassed waterways provide an outlet for diversion and terraces.
- Contour farming, such as tillage, planting, and harvesting activities, are carried out on the contour, certainly not up and down the hill.
- Conservation tillage, which can be no-till or reduced till. The crop is planted into the previous season's crop residue. This practice effectively reduces erosion.

More detailed information about specific BMP's is available by contacting the Soil Conservation Service.

Triathlon Extends Challenge To Dairy Producers

WILLIAMSPORT — Pennsylvania dairy producers are invited to challenge their athletic skills in the Fifth Annual Endless Mountains Triathlon. The event will take place on Sunday, June 21 in Towanda. The triathlon is being sponsored by the American Dairy Association and Dairy Council.

The Endless Mountains Triathlon is Pennsylvania's premier race for amateur triathletes. Its challenging course involves a one-mile swim, 25-mile bike race, and 10K running course. The route is centered in the scenic, mountainous terrain of Bradford County. The 1986 race drew participants from 14 states and three foreign countries.

All race participants will receive a long-sleeved, cotton training shirt; same day, computerized results; and pizza and ice cream. ADADC will provide a giant ice cream sundae following the race for all participants, volunteers and spectators. Ice cream for the sundae is being donated by Edgewood Dairy.

ADADC has created a special race category for dairy producers. The winner will receive a special award created for this category. To qualify, the participant must be a member of a dairy farm family or work on a dairy farm.

For further information and applications for the triathlon, contact the American Dairy Association and Dairy Council at (717) 323-2552. The ADADC is a dairy promotion association funded by 20,000 dairy producers from Pennsylvania, New York and New Jersey.

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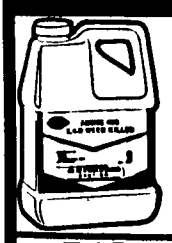

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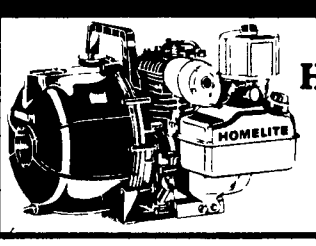

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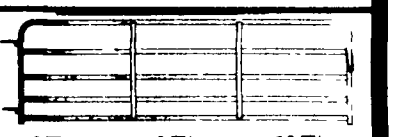

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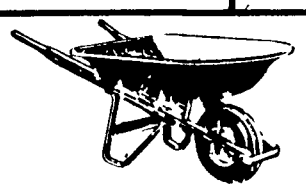

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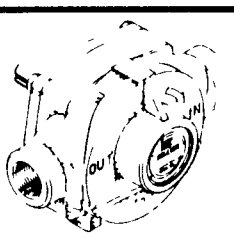

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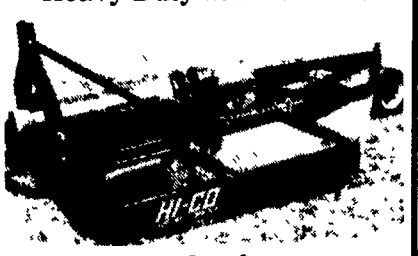

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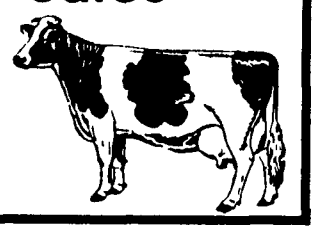

Reports from four sales for the week of May 7 to 13 averaged $1,416.66 on 253 head. The top prices ranged from $14,500 to $1,000. The sales were held in California, Vermont, New York and Tennessee.

Here is a brief look at the results of the sales this week.

AYSHIRE

The NORTH AMERICAN OPPORTUNITY SALE held in New York averaged $720 on 32 head.

A 6 year old topped the sale on a bid of $1,225. Sired by Atwood Orchard High Boy, she owns a top record over 18,000 milk. She is bred and due in June to Royal Bomber.

A Clover Crest Jungle Boy 3 year old sold for the next high price of $1,100. The just fresh cow is producing 80 pounds of milk per day.

The sale averaged over $200 more than last year with more animals sold at this year's sale.

Dick Cook and Gary Wilt served as auctioneers and the Lira Management Company managed the sale. The Clinton-Franklin-Essex Ayrshire Club sponsored the sale.

JERSEY

The MIDDLE AND WEST TENNESSEE SPRING SALE averaged $488.57 on 49 head.

Topping the sale was a June 1986 calf by Generators Justin which commanded a bid of $1,000. The sharp show prospect is out of a Generators Sparlin Boy dam.

A bred heifer by Bruce netted the next high price of $950. She will freshen in June to a Quicksilvers Magic of Ogston.

The sale, which featured a few springers included primarily younger animals, netted a higher average than last year.

Jack Holbrook served as auctioneer for the sale and James Clayton was the sale manager.

HOLSTEIN

The 22ND NORTHEAST KINGDOM SALE held in Vermont averaged $2,269.07 on 123 head.

A VG-85 VG-MS Chairman daughter topped the sale on a bid of $14,500. The 3 year old sold with a guarantee of five pregnancies to Royalty and two bull contracts. She produced a best effort of 28,840 milk and 1,019 fat with a 3.4 protein test in 365 days. Just fresh three months, she owns a Cow Index of plus 1,286 milk, plus 40 fat, and plus 45 protein.

Her dam, a VG-87 Astro Jupiter daughter, produced a high fat record of 1,129.

The next price of the sale, $14,000, came on a 3 year old by Ijon. Classified VG-85, she sold with $23,000 worth of contracts and guarantees. She is projected at 22,062 milk and 903 fat in her first-calf lactation.

Her dam, a VG-88 Arlinda Chief daughter, produced two records over 1,000 fat. The second dam classified Excellent with a top fat record of 1,500. The next dam classified Excellent with a high record of 1,000 fat.

A 3-year-old Bell daughter sold for $13,600 and the third high price of the sale. Classified VG-86, she produced a first-calf record of 29,623 milk and 1,090 fat in 365 days. She sold with contracts totaling $4,000. She carries a Cow Index of plus 1,588 milk, plus 59 fat, plus 42 protein and plus $184.

Her dam classified EX-92 EX-MS GMD. Sired by Arlinda Chief, she produced a high lactation with 1,544 fat.

This year's sale was twice as large as last year and attracted a crowd which was also twice as large as last year, according to sale manager Ray LeBlanc. The sale, which was held at a location 20 miles from the Canadian border, attracted a large number of prospective Canadian buyers. These buyers purchased 25 head, LeBlanc said.

He noted there is a great deal of Canadian interest in American sired cows because of index, the embryo market, and bull studs.

A. Bruce Whittier and David Crack shared the auctioneering assignment. David Rama and LeBlanc read pedigrees. LeBlanc co-managed the sale with Jim Young.

The CALIFORNIAN SALE averaged $2,189 on 49 head.

Topping the sale on a bid of $5,300 was a just-fresh 2 year old. Sired by Walkway Chief Mark, her in progress record stands at 5,620 milk and 189 fat in 76 days with a relative value of plus 4,000.

Her dam, a VG-85 Ivanhoe Astronaut daughter, carries a Cow Index of plus 1,129 milk, plus 35 fat, plus 32 protein, and plus $119. She completed a best effort of 31,760 milk and 987 fat.

The next dam classified VG-85 with records to 24,120 milk and 810 fat. The third dam registered a high lactation of 20,160 milk and 652 fat.

Two calves sold for the next high price of $4,500.

The first to sell at this mark was a October 1986 calf by Royalty. She has a VG-86 maternal sister with records to 24,896 milk and 1,095 fat and a 4.4 test.

Her dam, an EX-90 EX-MS Sexation daughter, produced a high test of 4.2 percent fat and a top record of 28,060 milk and 1,097 fat.

The next dam, EX-90, produced a lifetime record of 127,730 milk and 1,095 fat with a 4.4 test. The third dam completed a top record over 33,400 milk and 1,240 fat. Her lifetime achievement stands at 216,740 milk and 8,100 fat.

A June 1986 calf by Ned Boy also sold for $4,500. Her dam, a VG-85 Pete daughter, produced a top record of 29,594 milk and 1,310 fat and a 4.4 test. She carries a Cow Index of plus 1,129 milk and 62 fat with an MCD of plus 6,717 milk and plus 389 fat on two records.

The second dam carries a CTPI of plus 613 and a lifetime record of 105,370 milk and 4,350 fat in 1,220 days. The third dam produced a best effort of 23,790 milk and 931 fat.

Bob Stanley handled the auctioneering duties and the California Holstein Association managed the sale.

NATIONAL DAIRY COW SALE INDEX

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This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	924	1065	1057	987
Pennsylvania	720	623	539	894
Four previous weeks:				
Nation	1120	491	1037	1256
Four previous weeks +/-year to date:	196 higher	574 lower	20 lower	269 higher

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2023	1923	840
Pennsylvania	1937	2837	744
Four previous weeks:			
Nation	1485	2047	565
Four previous weeks +/- year to date:	538 lower	124 higher	275 lower

Mar Lee Angus To Host National Angus Sale

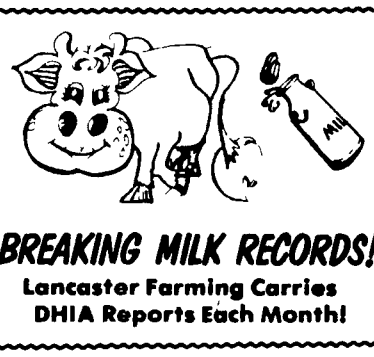
WOODSBORO, Md. – Mar Lee Angus will be the site of the Maryland National Angus Sale on May 22, the same weekend as the new Atlantic National Angus Show at Timonium, Md.

Over 40 lots have been selected from Angus herds from the tri-state area. The big name of the sale is Broadway, the National Western Stock Show Grand Champion Angus Bull. Some of his calves will debut at the sale, or breeders can pick up a free service to Broadway to any cow that they purchase from Mar Lee Angus.

In addition to Broadway calves, there will be a Holstein recipient carrying a Broadway embryo out of a full sister to Parker's Miss Blackbird. There will be cows by Pine Drive, Lavana, Sky King, and Independence. Twelve cows are bred to Broadway, including a General daughter out of Power Play's full sister with a Broadway heifer calf. There are two yearling bulls by Dr. Spock, out of Mar Lee Angus' top show animal, Mar Lee Wheels.

The sale begins at 7:00 on Friday evening; however, dinner, compliments of Mar Lee Angus, will be served at 5:30 p.m. Interested buyers will be welcomed any time to look over the sale lots. The auctioneer is Col. Mike Jones, who will contact the bidding from the new Mar Lee sale barn.

Additional information may be obtained by calling (301) 898-7272 or (301) 898-7274.



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Milk Production Up

HARRISBURG – Milk production in Pennsylvania during March 1987 totaled 866 million pounds, a three percent increase from last March, according to the Pennsylvania Agricultural Statistics Service.

Milk production per cow averaged 1,205 pounds in March, 90 pounds more than February and 65 pounds more than March 1986. The number of milk cows in the Commonwealth during March averaged 719,000 head, down 19,000 from March 1986.

Grain and other concentrates fed to milk cowls in the Commonwealth on April 1, 1987 averaged 16 pounds per cow per day, up a pound from last year. The value of the grain and concentrates fed to milk cows averaged $7.60 per hundredweight, down 30 cents from a year earlier.

SEWAGE PUMP SALE
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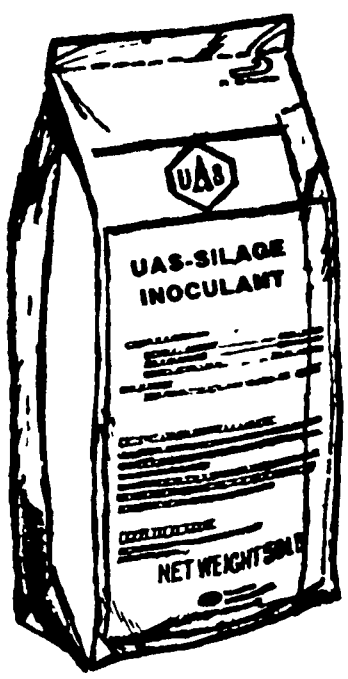

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Delmarva Broiler Industry To Try Grain Sorghum

By Doris Crowley
University of Delaware

NEWARK, Del. — Perdue, Inc. has just declared its intention to offer Delmarva farmers forward contracts for 320,000 bushels of grain sorghum (milo) this year. "We're setting aside enough bins to store that amount," says Sewell Spedden, president of Perdue's grain and oilseed division, who made the announcement, "but we probably could use twice that much."

The company plans to use some of the sorghum in starter feeds, where its lack of xanthophyll — the natural pigment that turns chicken skin yellow — won't be missed. They will buy only non-bird resistant varieties and will test the grain at the elevator for tannin content. They will pay 90 percent of the posted corn price per 57-pound bushel (13 percent moisture) delivered to elevators at Berlin, Md., and Bridgeville, Del.

"We've agreed to try milo this year," Spedden says, regretting that the offer comes so late in the season. He says Delaware extension weed specialist Frank Webb has been urging local broiler firms to use the grain in their feed rations for some time now. "We use close to 17 million bushels of corn on the Shore a year," Spedden says. "We'll see how this goes." Farmers who want more information on Perdue's contract offer can call the company at (301) 543-3646.

Though the Perdue announcement doesn't leave much time for decision-making, it should be good news for dryland producers who have trouble growing a decent corn crop on the peninsula's droughtier soils. Kent County (Del.) extension agricultural agent Bob Hochmuth predicts a lot of "scurried interest" in the southern part of his county, as well as in Sussex County.

Unfortunately, since many farmers have already planted their corn, some of those participating in the 1987 federal feed grain program may not be able to grow sorghum this year even if they want to, since sorghum counts as part of their corn base. Ben Titus of the state ASCS office says any farm with a corn base in the past five years can grow sorghum if they're participating in the program. If, for example, a producer has committed himself to 100 acres of corn, he could plant 100 acres of sorghum instead, or any combination thereof, as long as the total doesn't exceed his base.

As for sorghum seed availability, when Sussex County extension agent Jay Windsor contacted local seed dealers to assess the supply, they assured him they can provide enough non-bird resistant seed to meet grower demand. At a yield of 80 bushels per acre, it could take between 3,500 and 4,000 acres to produce the 320,000 bushels of milo Perdue has offered to buy. For Delmarva conditions, Delaware extension agronomist Dr. Richard Taylor recommends a seeding rate of between 100,000 and 200,000 plants per acre, depending on whether narrow or wide row spacings are used. Only protected seed should be planted.

"Farmers shouldn't start planting sorghum until May 15," Windsor says. "They can plant up until the end of June." Milo can also be double-cropped after wheat or barley.

Broiler industry demand for milo would give area corn and soybean farmers an alternative crop, thus helping them spread economic risk.

Until now, most grain sorghum grown on Delmarva has been fed to hogs on the farms where it is produced. Reliable off-farm demand for the drought-tolerant grain would give dryland farmers a marketable crop they can substitute for corn or rotate with soybeans.

Corn yields are so uncertain in parts of Sussex and lower Kent County, Del., that many farmers now grow continuous soybeans. The practice has led to a sharp decline in soybean yields due to the buildup of diseases and soybean cyst nematode infestations.

Planting grain sorghum is one way to break out of this unprofitable monoculture.

"The broiler industry's decision to buy milo is the break we've been waiting for," says extension specialist Frank Webb, an early advocate of grain sorghum production in Delaware. "With the average seasonal rainfall we get, it's economically unfeasible to grow corn on a large part of the land in Sussex County." A 30-year review of weather data by University of Delaware Agricultural Experiment Station scientists shows that in three out of five years, there isn't enough rainfall to grow corn on the area's sandy Coastal Plain soils. Besides requiring less water than corn, milo is also cheaper to grow.

Webb and other extension specialists have been gathering production data on grain sorghum in Delaware since 1984. Their work shows a potential savings for growers who switch from dryland corn to grain sorghum on the state's sandier soils. They predict a sizeable portion of the dryland corn acreage grown in southern Delaware could be involved in such a switch.

Grain sorghum, also called milo, outproduces corn in dry years and can replace corn in poultry diets without reducing performance.

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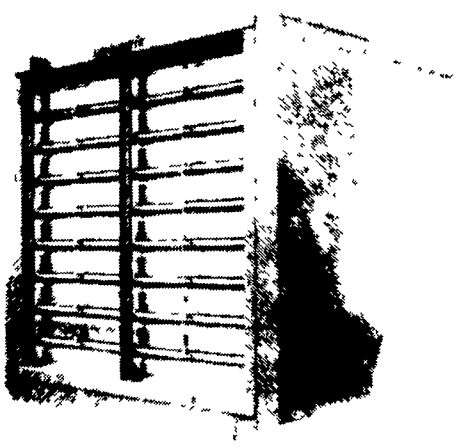

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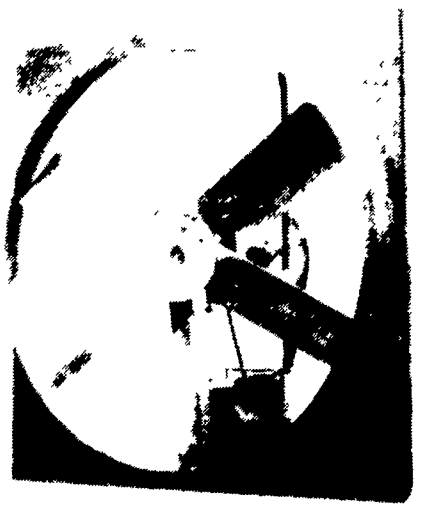

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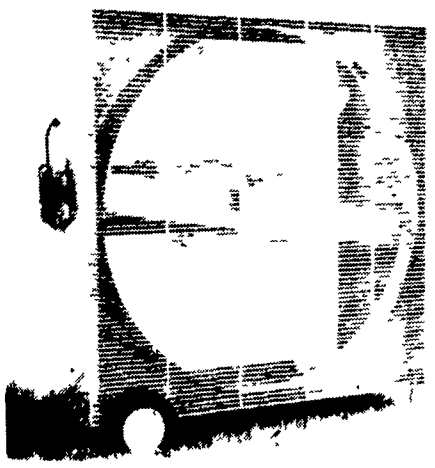

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Industry Urged To Present Meat As Wholesome, Safe

DES MOINES, Iowa — The livestock industry needs to address the issue of safe, wholesome red meat with customers or run the risk of no longer having an opportunity for such an address.

The choices that people make as far as food is concerned may have more to do with the future of agriculture than any other single element, according to Dr. Frank Baker of Winrock International and a board member of the Nutritional Effects Foundation. Consumer advocates — at least the leaders of those groups — right now are the keys to making things happen in food policy as far as consumers are concerned. And, these groups are wired in with the media, with federal health and nutrition agencies and with Congress.

Baker delivered his message to animal scientists from universities and companies at a symposium on "Producing Safe, Wholesome Beef in the 80s and 90s" during the recent Midwestern Sectional meeting of the American Society of Animal Science here.

Dr. Stanley Kushinsky, who is director of bioanalytical and metabolic research for Syntex Animal Health Inc. discussed modern tests used to ensure the safety of meat.

The effect that consumer activists have on consumers and the policy making arms of government means "that we're playing in a different arena than we've played in so many times in the past," Baker told the group. To avoid becoming cut off entirely from an opportunity to affect consumers' attitudes toward beef and red meat in general, livestock producers will have to get in tune with the growing health consciousness among American consumers — to get involved and be part of the solution, rather than being part of the problem, he said,

"It's very important to us as professionals that we do everything we can to try to communicate to consumers that we have a product they can depend upon, and that they should utilize that product," he added. "It's a protein-dense product and provides them with some nutrients that are highly available — that are important as far as the total diet is concerned."

Baker noted that the food industry as a whole grosses $300 billion a year and is growing at a rate of 1 percent per year. However, the health and fitness-oriented segment of that industry grosses $30 billion a year and is growing at 6 percent per year.

The NEF, an organization formed by livestock producers and processors several years ago, is working with Texas A&M University to design a simple label to identify meat and meat products containing 3 to 5 percent fat, he said. This will give consumers who are seeking to limit their intake of cholesterol a method of identifying low-fat meat products.

"If properly prepared, these meats could be used in diets recommended by the American Heart Association in which people get no more than 20 percent of their calories from fat," Baker commented.

The NEF also has produced a film that describes federal regulations on the use of drugs and chemicals in livestock production and how the federal government ensures the safety of meat sold in the United States. The film points out that the government sets residue limits for drugs and chemicals in meat low enough to be safe if consumed at that level every day over a lifetime.

Verification of the measures taken to ensure the safety of meat came from Kushinsky. Kushinsky, who helped develop the methodology still used today for measuring residues in meat, described for the group the lengthy process Syntex underwent to prove the safety of meat from animals implanted with natural growth hormones.

He explained that the natural hormones in growth promotants such as Synovex implants are no different from the hormones produced naturally in the human or animal body. And, residue levels in meat from implanted animals are lower than those found in foods like milk, soy products or cabbage.

Furthermore, modern tests under the monitor residues at the parts-per-trillion level prove that hormone levels in meat from implanted cattle are much lower than in meat from pregnant heifers that have received no implants. They also are lower than levels found naturally in the human body.

The hormone estrogen, for example, plays an important role in regulating pregnancy in animals, which is why it is found in meat from pregnant heifers and in milk. In non-implanted pregnant heifers, estrogen levels run as high as 2,800 parts per trillion, compared with about 50 parts per trillion for steers that have received a Synovex implant containing estrogen, he said.

"Meat from pregnant heifers comprises a significant and sizeable fraction of the meat consumed worldwide, approximately 5 percent in the U.S.," Kushinsky said.

He added that milk products contain 80 to 125 parts per trillion of estrogen. And among humans, girls immediately prior to puberty produce thousands of times the amount of estrogen found in meat from animals implanted with Synovex growth promotants.

"Since for children as well as many adults, the average consumption of milk and milk drinks exceeds the average consumption of meat, the relative risk from human exposure to hormonal residues in meat from animals treated with implants is negligible," he commented. "The residues of estrogens and progesterone in a pound of beef from animals receiving Synovex implants are lower than the quantities present in a single glass of milk."

Kushinsky and Baker concluded that livestock producers must work harder to tell their safety and wholesomeness story to consumers to counteract fears fanned by anti-red meat activists.

Holsteins Sought For Export To Canary Islands

DOVER, Del. — The Holstein Friesian Association of America located in Brattleboro, Vt., has announced plans to purchase and ship via the Port of Wilmington, 2,750 head of registered Holstein heifers during the next few months to the Canary Islands.

Any Holstein owner in Delaware or nearby states who has an interest in selling animals as described below should contact Clarence Stauffer in Ephrata, Pa., phone: 717-657-8800.

Shipments will be in lots of 550 head each and are scheduled for departure June, August, October, December and February. Heifers must be registered and 18 to 36 months of age at the time of shipment. They also must be bred and in the four to seven month range of pregnancy at the time of shipment.

First lactation of record must be minimum 3.5 percent fat and 8,800 pounds minimum production. Pricing has been pre-established and sellers should call Stauffer for additional information.

Animals will be screened on the farm and certain health checks done before acceptance.

In addition to the animals, some 50 to 60 tons of hay will be required for each shipment. The hay will be loaded on the ship at Wilmington one day prior to the loading of cattle.

Any farmer wishing to sell large lots of hay delivered to the dockside should contact Bill Nichol, Pennsylvania Holstein Association, 814-234-0364 to make offers.

Local information can be obtained from Bob Smallwood, Delaware Department of Agriculture, 302-736-4811.

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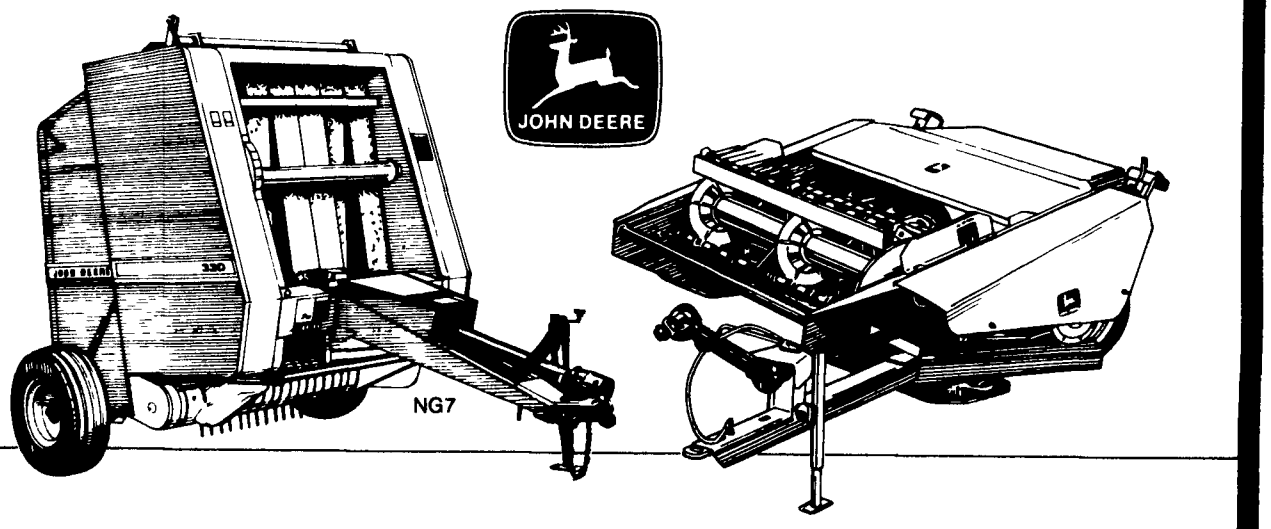

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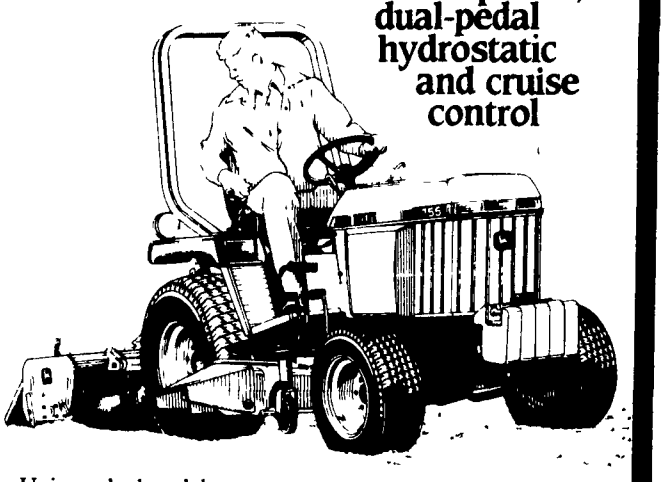

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Agronomist Offers Cost-Cutting Production Guidelines For Grain Sorghum Growers

NEWARK, Del. – Farmers who decide to grow grain sorghum (milo) this year can reduce their costs by following some production guidelines provided by University of Delaware extension agronomist Dr. Richard Taylor, who has studied the crop extensively. This work, which was supported in part by a grant from the Delaware Department of Agriculture, has provided new insights into grain sorghum production practices on the peninsula.

Before committing themselves to the crop, however, Taylor advises growers who've signed up for the 1987 feed grain program to be sure they're eligible to grow it.

"The most important consideration," he says, "is the fact that in the government program, grain sorghum acreage is counted the same as corn. If you've already used up your allowed acreage in planting corn, you can't plant grain sorghum this year, since the crops both count toward your feed grain base." He suggests that anyone with questions concerning the government program as it affects grain sorghum acreage contact their local ASCS office for advice. Of course, this doesn't concern individuals who are not participating in the feed grain program.

"Site selection for this crop is very important," the agronomist says. "Although grain sorghum grown on narrow row spacings responds similarly to corn under irrigation, sorghum is far better suited than corn to those soils that are very droughty. This is because the crop tolerates dry soil conditions much better than corn."

Choose a site where weed problems are not severe and the weed population can be controlled by the available herbicide programs designed for grain sorghum, Taylor says. Weeds that could escape these control programs are a sign that a field is unsuited to grain sorghum production unless wide rows which permit cultivation are used.

Problems With Birds

Another potential problem that would affect site selection on Delmarva is bird injury. "Many area growers have already discovered how attractive grain sorghums can be to the resident bird population," Taylor says, "so site selection is one means to reduce possible crop losses. If at all possible, avoid planting grain sorghum near marsh areas where blackbirds or other grain-feeding birds congregate."

If birds could be a problem, one potential control measure is to plant a very early maturing crop of sunflowers along areas where birds may enter grain sorghum fields, using the sunflowers as a type of trap crop.

Other ways to reduce bird injury are to install acetylene cannons in fields while grain is ripening and to harvest the crop promptly. Growers must watch fields carefully for a timely harvest as the grain frequently dries down to 15 to 20 percent moisture while the rest of the plant remains green. "If grain sorghum is left in the field for a long time after maturing," the agronomist warns, "bird damage can be very severe."

After choosing the proper fields, the challenges are to select a suitable sorghum variety and proper cultural practices. Grain sorghum is classified as either bird susceptible or bird resistant. Resistant varieties are likely to experience less bird damage because of their higher tannin content – greater than 3 percent tannin. This means, however, that these varieties are far less palatable to chickens if included in a feed ration.

"Bird-resistant sorghum is not now acceptable to the poultry industry," Taylor says, "So farmers who wish to sell to this market must plant bird-susceptible varieties."

Determining a variety's actual designation can be difficult sometimes, he says, since the bronze-colored, bird-susceptible varieties look identical to bronze-colored, resistant varieties. To date, all the varieties with a white or cream colored seed coat that he has tested are low in tannin content, using the grain industry's quick test.

"These tests show that tannin levels may vary in some varieties, depending on growing conditions," Taylor says. So if there is any question about whether a variety is bird-resistant or susceptible, Taylor recommends avoiding that variety until it can be further studied.

He also advises using only treated, certified seed. "Data from Kansas State University indicates that grain sorghum is very sensitive to soil temperature," the agronomist says. At a 2-inch depth, germination of fungicide-treated seed was barely adequate (67 percent) at a soil temperature of 68 degrees but was very good (87 percent) at 77 degrees. For untreated seed, germination was only 11 percent at 68 degrees, 66 percent at 77 degrees, and 67 percent at 85 degrees.

"This shows that grain sorghum is much more sensitive than corn to cold soil temperatures and should not be planted on Delmarva much before the middle of May," Taylor says. "For best results watch the weather and wait to plant until after several days of very warm day temperatures and mild night temperatures so that the soil has a chance to warm to at least 65 or 70 degrees."

Grain sorghum can be planted until late June, but May plantings generally produce much better yields. It can be double cropped behind barley or wheat, though yields are likely to be much lower than for full season.

Proper Row Spacing

Row spacing appears to be very important for best results with this crop. Taylor's research indicates that 10-inch row spacings are far superior to 30-inch spacings. Averaged over two years, yields increased almost 40 percent (from

(Turn to Page A39)

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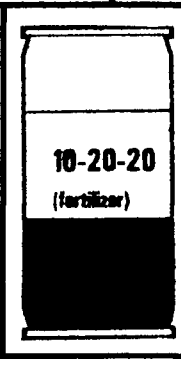

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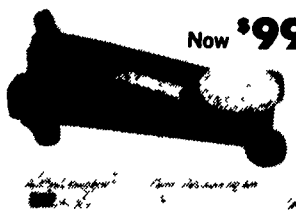

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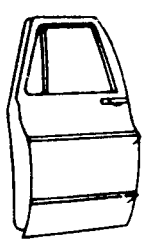

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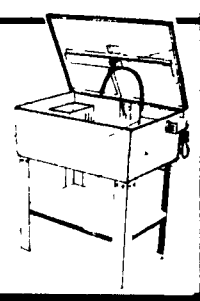

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Prepare For Safe Use Of Pesticides

HARRISBURG — Advance preparations and a few precautions are the key to the safe and effective use of pesticides, according to a specialist with the Pennsylvania Department of Agriculture's Bureau of Plant Industry.

John Longenecker of the bureau's Division of Agronomic Services, notes that pesticides can be a useful tool as Pennsylvanians – rural and urban – pursue their springtime outside work. Improper use, however, can cause accidents that may be harmful to the applicator, others, or the environment.

Longenecker said that care should be exercised in selecting the proper pesticide. Dealer shelves are filled with many products for lawn, garden and other home uses, but the shopper won't find a single preparation that will fit all purposes, he cautioned.

"First, identify your problem. Proper identification of the pest is a necessary prerequisite to proper control. For example, a weed killer that's effective against one type of weed may not work at all on another," he said.

"If you can't identify the weed, insect or disease that's causing the problem, seek help from someone knowledgeable in those areas." Longenecker suggested contacting a nurseryman, landscaper, county extension agent or the Bureau of Plant Industry. In addition, the product's container label provides information on permitted pesticide use.

Longenecker said that the home and garden pesticides available to the average consumer are considered to be general use. No permit or license is required so long as you can use it as your own residence, he said.

Restricted-use pesticides are available only to certified private or commercial applicators who must meet stringent requirements before applying them to either their own or to someone else's land.

A commercial applicator's license is also necessary to apply a general-use pesticide to the property of others, Longenecker said. More information about the private applicator's permit and commercial applicator's license can be obtained by calling the Bureau of Plant Industry ay 1-800-AG-PENNA, he said.

The bureau offers these additional tips for pesticide use:

— Read the label carefully and follow instructions closely. Do not overuse and note all safety warnings and procedures beforehand. You should know the countermeasures to take before an emergency happens rather than expecting to read the instructions after an accident occurs.

— Be sure equipment (sprayers, nozzles, pumps, etc.) are in proper working order. Make repairs with the proper tools.

— Mix pesticides outside or under proper lighting and ventilation conditions. When opening and pouring materials, avoid spilling and contact with the skin. Follow label instructions pertaining to protective clothing or goggles.

— Don't eat, drink or smoke while mixing or using pesticides. Wash skin areas and clothing thoroughly immediately after handling and applying them.

— Clean up all spills promptly.

— Don't leave pesticides unattended when you're using them. Store them in a secure, dry place where children, pets or livestock won't accidentally encounter them.

— Always keep pesticcides in their original containers with labels visible and store them away from feed, seeds, food or water supplies.

— Inspect containers periodically to see that lids are secure and there is no leakage or corrosion.

— Always keep pesticide storage areas locked. In the event of fires, floods or other emergencies, inform authorities about the kinds, quantities and location of pesticides kept on the property.

— When selecting plant varieties consider those that afford natural resistance to certain insects or diseases.

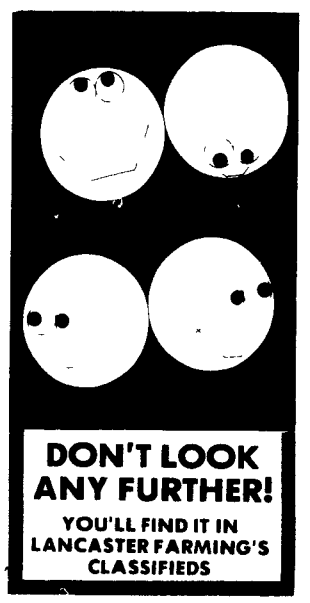
Soil And Water Stewardship Week Begins May 24

POTTSVILLE — The Schuylkill Conservation District is encouraging local churches, organizations and individuals to join the nationwide observance of Soil and Water Stewardship Week, May 24-31. The Conservation District, which promotes soil and water conservation measures throughout the year, is providing literature that draws attention to the need for help, hope, and healing to bind the economic and resource wounds on America's farms and ranches.

Conrad Zizelmann, District Director and chairman of the Soil and Water Stewardship Week, said the survival and welfare of farmers and the land they till must be a matter of deep concern to all people. "While the grain bins are now full and there is no shortage of fiber and building materials, we all need to be reminded of the serious loss that could result from damage to our basic natural resources — soil, water and air, said Zizelmann.

Since 1955 the National Association of Conservation Districts and the Schuylkill Conservation District have sponsored Soil and Water Stewardship Week as one way to emphasize the importance of good stewardship of basic soil and water resources.

Materials especially designed to carry the 1987 theme of "Help, Hope, and Healing" have been distributed by the Schuylkill Conservation District and orders for 1988 can be made by calling or visiting the district office during business hours at the Fairlane Village Mall, RT 61 North, Pottsville, PA, telephone 717-429-1744.



Production Guidelines

(Continued from Page A38)

66 to 92 bushels an acre) when rows were narrowed from 30 to 10 inches.

Narrow rows also seem to help reduce head lodging caused by late brood European corn borer. And they make combining easier and reduce trash in the grain.

"Wide rows do offer the possibility for cultivation if weeds become a problem," Taylor says, "however, the disadvantages probably outweigh this advantage."

His research also indicates that seeding rates recommended by southern agronomists are "completely inadequate" for Delaware conditions. "Georgia data had suggested that on loamy sand soils the seeding rate should be held between 50,000 and 75,000 plants per acre," the agronomist says, "but even during the last two droughty years this proved too low for Delaware.

Instead, for 10- and 20-inch row spacings, he recommends a rate of 5 to 7 seeds per row foot to obtain a final population of 4 to 5 plants per row foot (130,000 to 200,000 plants per acre). On 30-inch row spacings or greater, plant 7 to 8 seeds per row foot to obtain a final population of about 6 plants per row foot (100,000 plants per acre).

Fertilizing Grain Sorghum

Taylor has also examined the fertility requirements for grain sorghum in Delaware. Based on his work last summer, the crop shows very little response to nitrogen fertilization.

"Single and split applications of nitrogen responded similarly, whether under irrigation or not," he says. "Our current thinking is that a single application of nitrogen should be made at planting. Fifty pounds of N should be adequate, since even under irrigation grain sorghum has shown little response to more than 25 pounds of N per acre and has shown yield declines with very high (200 pounds per acre) rates of nitrogen.

Soil pH should be in a range suited for growing corn, although grain sorghum is said to be more sensitive to soil acidity (low pH) than corn. "If soil test values show medium or higher levels of available phosphorus and potassium, no added fertilizer will be needed," Taylor says. "If soil test values are low for phosphorus or potassium, use the University of Delaware's current minimum recommendation for corn production. Grain sorghum tolerates low fertility, so production costs can be reduced by holding fertilizer inputs to a minimum."

For herbicide programs, he recommends growers contact their county extension agricultural agent. "One important point is that if Bicep or Dual is used on grain sorghum you must plant Concep-treated seed, which is a safener for sorghum," he says. A safener called Screen is available for Lasso as well.

Harvesting, drying and storing grain sorghum can be a problem because of the amount of wet green trash frequently left in the grain by the combine. Taylor says this problem can be reduced by running the combine at a height that permits as little trash as possible to enter and by using narrow row spacings. These appear to help hold damaged heads above the green forage.

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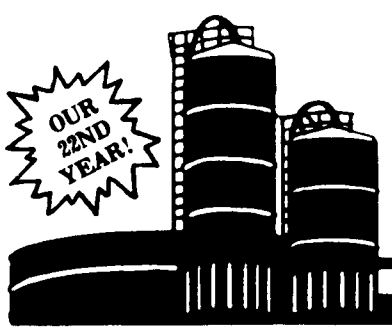

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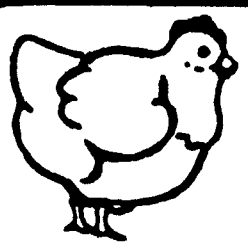

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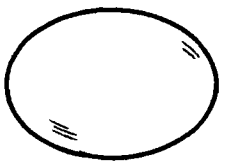

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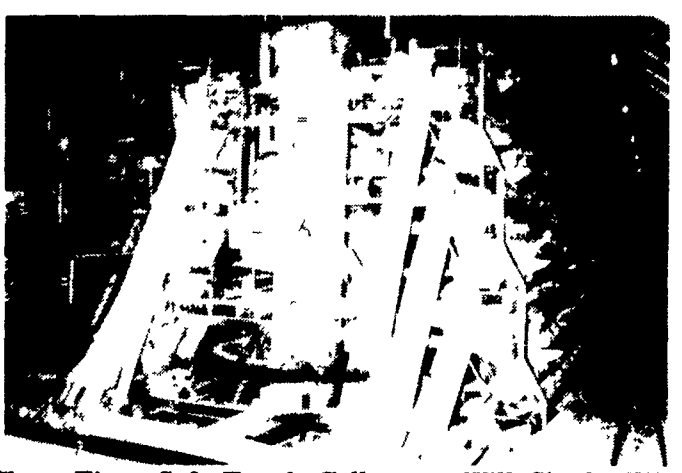

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Lebanon Quilters Make Final Preparations For May 30 Show

BY SALLY BAIR
Lancaster Co. Correspondent

LEBANON — While quilting is not commonly considered a heritable trait, it has certainly been passed on through many generations of the family of Minerva Lentz and her daughter Sandra Klingler.

Sandra says, "Because my mother and grandmother quilted, I thought everyone quilted during the winter. Since both my grandmothers quilted, I remember years of attending Ladies Aid Society meetings and playing under the quilting frame."

Now her "playing" is confined strictly to the top of quilting frames, but it continues to be prolific.

Both Sandra and her mother, of Lebanon, will be entering quilts in the Lebanon Quilter's Guild Quilt Show and Contest to be held May 30, 1987, at the Lebanon County Fairgrounds from 9 a.m. to 6 p.m. The Fairgrounds are located at Cornwall and Evergreen Roads. While most quilts will be judged, Sandra explains that some people choose simply to display the quilts.

Last year the show attracted 120 quilts, and Sandra says they are hoping for at least 100 again this year. She said judges award a first, second and third place in each of the ten categories, plus as many honorable mentions as they feel are deserving. There is also a best of show selected, and visitors to the show are asked to vote for a "Viewers' Choice" award.

Entries will be accepted through Monday, May 17. Interested persons can call Kitty Zackey at 273-9850 for details.

Minerva exemplifies the experience which will be exhibited at the show. She says she has been quilting for 50 years, since she was 15 or 16. She raised five children, and lived on a dairy farm, so she recalls that it has been in later years that she had more time for quilting.

When each of her five children married, they received two quilts. Now she is working on making quilts for each of her 12 grandchildren. "Every quilt is different, and each child gets two quilts."

Sandra points out that daughters-in-law and others who marry into the family are delighted with the tradition of giving quilts. Baby quilts are often gifts for showers and a quilted piece is a perfect gift for almost any occasion.

Minerva recalls that those early quilts were made mostly of fabric left over from sewing for her children. Sandra says, "Those quilts were so sentimental. We used them on our beds, and could recall where we wore the dresses of the same fabric."

Today, Sandra says, "Quilts are so often made and stored away and not used. Or they are just sent from one quilt show to the next." She has already made quilts for each of her three children, and each of the beds in their home features a lovely quilt. Quilted wallhangings also add a decorative touch to her home.

Minerva has seen changes in the materials used in quilting over the 50 years. She says, "We used to have all cotton batting, and it was more flat. It also had to be quilted much closer because it would pull apart when washed."

Now most people purchase new fabric for their quilts, and Sandra says there are many places to find appropriate materials. There are about five stores in the Lebanon area where she buys her supplies.

There are also craftsmen who make quilting frames, but she points out that it is possible to quilt on a hoop, even to the extent of doing an entire quilt. However, she says it can get quite cumbersome with all the fabric.

Minerva usually completes two quilts each winter, but she likes to quilt with others so she often visits a sister or friend who is quilting. She says, "There is always somebody who has a quilt in. We like to quilt together. It is good fellowship. We help do quilts for two auctions."

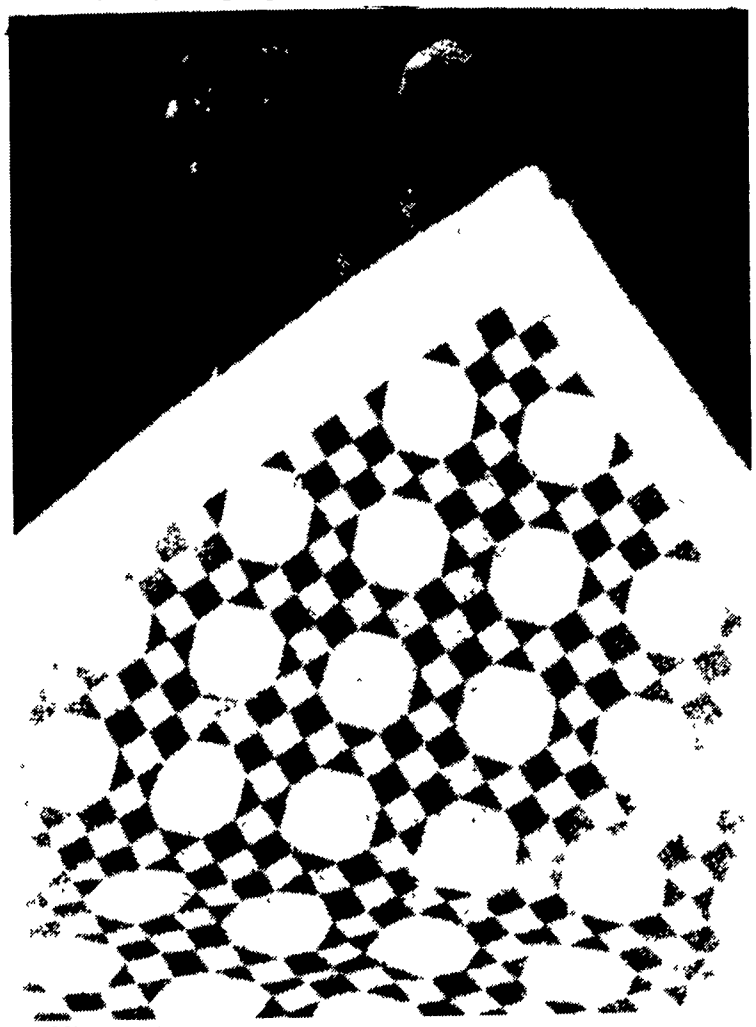
Sandra, right, and her mother Minerva Lentz quilt together in Sandra's home. Minerva said they enjoy the fellowship of quilting together.

Sandra adds, "Mother can have a quilt in at her house and still go somewhere else to quilt." Never wanting to be idle, Minerva always has an applique piece of embroidery to carry with her or to work on while watching television or visiting.

"I don't have a favorite kind of quilt," she says. Sandra, on the other hand, says that she does applique and patchwork, but no embroidery. "Applique is my favorite," she says. Although she remembers sewing pieces for a quilt as early as age 8, she says it was not until about 1970 that she really began appreciating and doing quilting on her own.

Now, she not only likes quilting, she also enjoys teaching. Through the Lebanon County Cooperative Extension Service, Sandra teaches both beginner and advanced quilting. "I am amazed," Sandra points out. "The classes are always filled within the first two weeks of announcing them. I think I will soon have taught all the beginners who want to learn, but they keep coming. We must be fulfilling a need." She estimates that about half return to her advanced class. A home economics teacher, Sandra also works as a substitute middle and high school teacher.

Her work as a quilting instructor keeps her busy. She said, "I can only manage to complete one large quilt each winter. I make a lot of small things to use as samples. I need to have pieces in different stages of completion to show."



Minerva holds her quilt in the snowball pattern which she will enter in the Guild's quilt show May 30. It measures 86 inches by 102 inches.

She frequently quilts in the evening, but will sit down for short periods during the day. Currently, she is working on a quilt for her daughter's bedroom that is to be entered in the show at the end of May.

Both mother and daughter say they get new ideas from monthly quilting magazines to which they subscribe, and Sandra adds, "Our library of books keep growing – the shelves aren't big enough."

The log cabin pattern remains one of the most popular patterns, but Sandra says, "They keep inventing new ways of putting it together." She adds that there is an endless number of traditional patterns, plus new ones.

Despite their years of experience, both quilters say they continue to learn new tips on quilting, both from magazines and from contacts in the Guild. To do the actual quilt markings, Sandra suggests a hard lead pencil as lightly as possible while still visible. However, she said a soapstone pencil or dressmakers chalk will work well on darker fabrics. Additionally, they have recently learned that leftover slivers of Ivory soap (or some other pure soap) can also be used to mark the quilt.

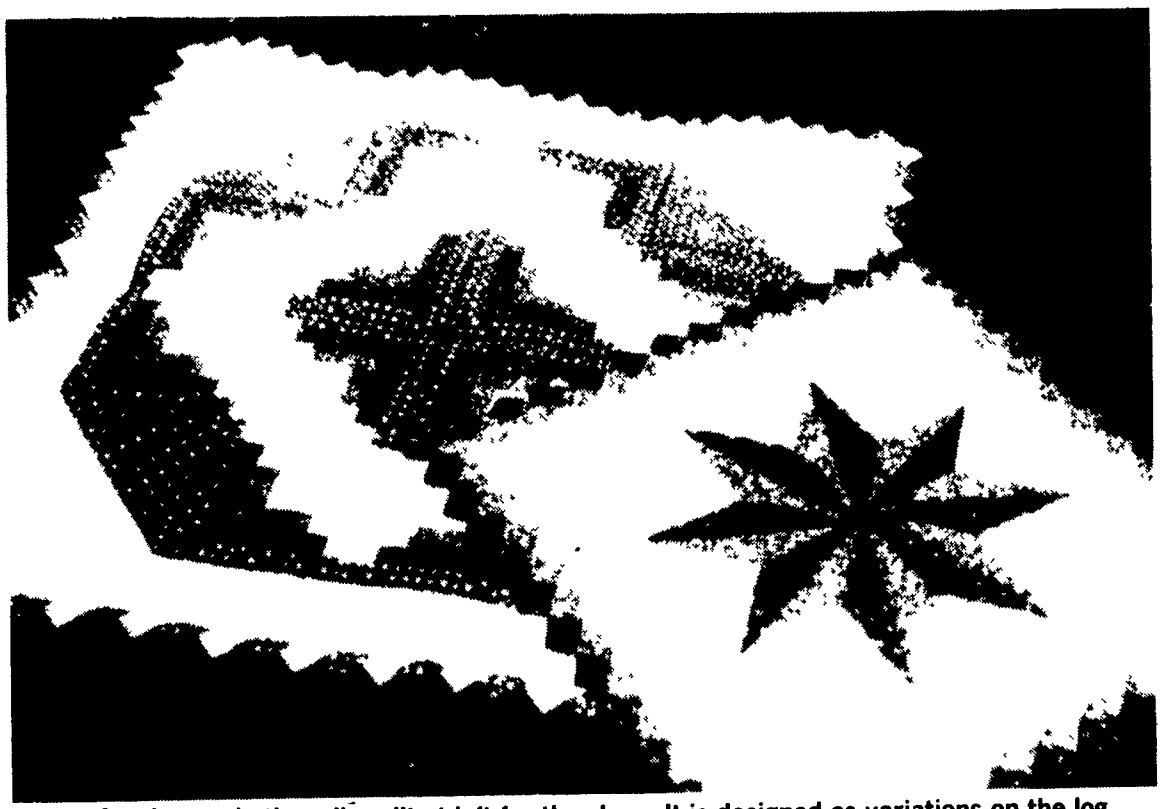
Sandra recommends prewashing all the fabric before working on it, though her mother says she doesn't take that step.

Both women wash their quilts as needed. Sandra says the gentle cycle on a washing machine is best, unless the quilt is extremely large in which case it should be washed in one of the large washers at a laundromat. Sandra says, "There is some controversy over whether they should be dry cleaned." She added that some people prefer to spot clean and air dry their quilts. Once washed, they hang them on a line for drying.

Sandra has strong feelings about using quilts. "Quilts are made to be used, and should be laundered occasionally."

(Turn to Page B4)

Homestead Notes



Sandra made the crib quilt at left for the show. It is designed as variations on the log cabin design, with a prairie points border. At right is a lemoyne star patterned wall hanging that will also be displayed at the show. The border is an original designed by Sandra.

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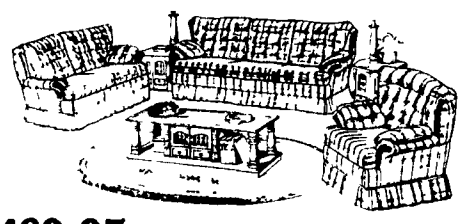

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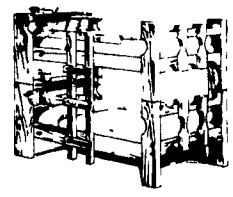

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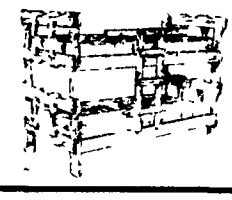

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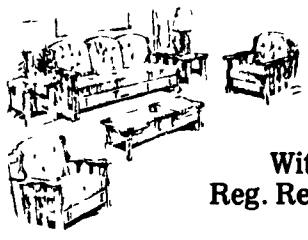

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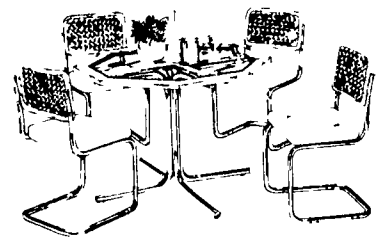

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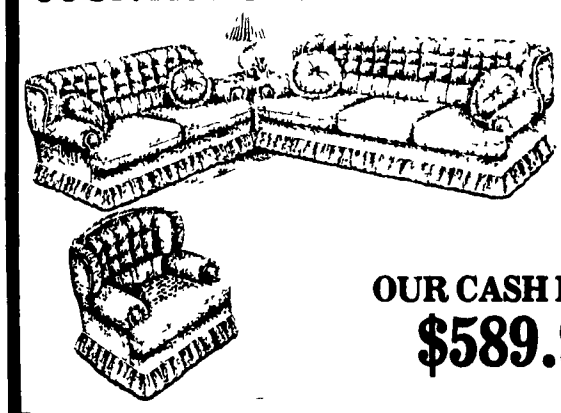

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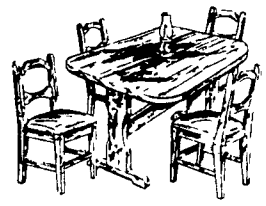

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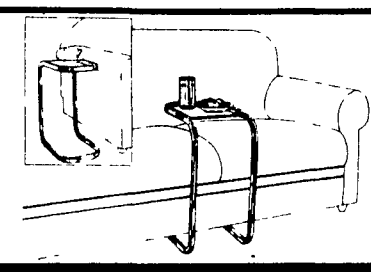

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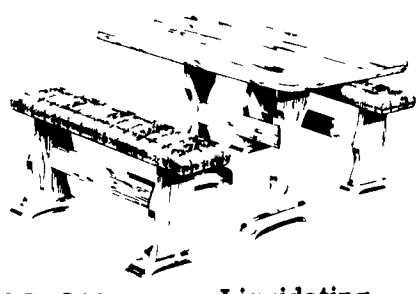

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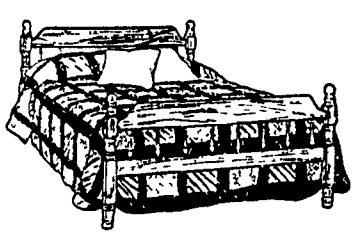

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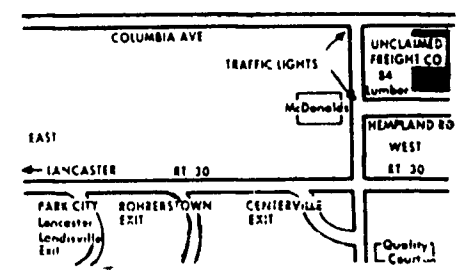

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Lebanon Quilters

(Continued from Page B2)

For storage, Minerva folds hers carefully and puts them in a dark closet. She puts moth crystals at the back of the shelf, and never stacks them more than three high. She cautions, "Never put them in plastic. They have to breathe. I cover them with an old sheet or pillow case." The quilts should occasionally be refolded, and they should never have any weight put on them.

Another acceptable way of storing quilts is to roll them, but Sandra notes that very few people have space to roll them. She adds, "Sunlight is one of the worst things for quilts. It's great if you have a spare room and can stack them one on top of the other on a bed, but you must be careful of sunlight."

Quilts are quite valuable, of course, and Sandra points out, "The price of quilts is mainly in labor." She said people who make quilts for sale keep track of the hours or of the yards of thread used. They estimate that it takes 100 hours of quilting to do a large quilt, but that does not include the time to make the top or to mark it. Sandra says, "It takes a whole day just to mark it."

They have many patterns for marking their quilts, and Minerva says, "You must get the patterns out and try them." Sandra adds, "You must completely fill in the area you're working on."

Both women said they often make notes at quilt shows, or draw sketches to use on their own quilts at some time in the future.

The actual quilting can be difficult on the hands. Sandra says, "My fingers get tender." They noted that you must keep one hand underneath the quilt, to be sure that the stitches are going completely through. Minerva recalls that her grandmother would never wash dishes when she had a quilt in the frame because that softened her hands. Both women also pointed out that the size of the finished stitch is not as important as the fact that they should be uniform in size. They also noted that you must be able to stitch in every direction to follow the quilt marking, something that is often difficult for beginners.

Minerva and Sandra are charter members of the Quilting Guild, and noted that the Guild has members of all ranges of abilities and ages. What they all share is an interest in quilting and an appreciation of quilts. The group meets the first Monday of each month, and meetings include a show and tell period plus a business meeting and a speaker.

The Guild is four years old, but Sandra thinks interest in quilting was renewed originally during the Bicentennial year and has been growing. She remarked, "There has been some really good quality in the last 10 years. Everyone wanted to make something their forefathers made and they saw how hard it was. Some quilted and just appreciated others' work and some perfected their quilting. Once you get addicted to the stitching, you don't want to stop."

These three quilts will all be entered in the show at the Lebanon Fairgrounds May 30. From left is the snowball pattern, bridal wreath and grandmother's cross. Minerva made the first two and the third one was done with her sisters.

Members of the Guild have quilted four quilts for charities. One went to the Ronald McDonald House, one was raffled for the library, one was donated to the Cherry Festival in Schaeferstown, and one will be raffled on May 30. The latest is 90 inches by 110 inches and is a sampler quilt done in blues and pinks.

The last weekend in May will be filled with activity for members as they hang the quilts and work together for the show. Minerva notes that they are attached to quilt poles and hung from the rafters, so they can be enjoyed to their fullest. She said, "We really like the space at the fairgrounds."

It will take one whole day for the judges to do their work. Sandra notes, "It's a hard decision and they look at each of them." Judges include Margot Carney, Lansdale; Dr. Mary Saylor, Penn State University; and Doris Riexinger, Lancaster. Quilts will be entered from all over Pennsylvania, Indiana and New York. In addition to quilts, vendors will sell quilting supplies.

Last year over 600 people enjoyed the beauty of the quilts, and the Guild is hoping for a larger group of visitors this year. Minerva and Sandra are looking forward to entering the product of their labors, but also to getting new ideas for their next projects. These two generations are carrying on a long family tradition, and will pass on their enthusiasm for quilting to the next generation.

Fruit Farm Plans Strawberry Festival

STEWARTSTOWN — A Strawberry Festival and Orchard Tour will be held at Blevins Fruit Farm Saturday, June 6 from 9 a.m. to 4 p.m. The farm is located one mile south of Stewartstown just off Route 24. Rain date is June 7.

The day of fun in the orchards and strawberry fields of the southern York County farm is free. Wagon tours of the orchards and strawberry fields begin at 10 a.m. and continue until 3 p.m., leaving on the hour.

Skilled craftsmen will offer a wide variety of crafts, and delicious food prepared by farm, community and church organizations will be sold. Strawberry desserts offered will include pie, shortcake, sundaes, candies, funnel cakes and other desserts and breads. Pork barbecue, sloppy joe's, hot dogs and sauerkraut, Italian sausage with onions and homemade soups will also be offered.

Luscious, ripe strawberries, the first fruits of the season, will be available for purchase or on a "pick-your-own" basis.

"Strawberry Shortcake" and "Blueberry Muffin" will be at the farm to greet the children. A funny clown in the person of Amy Eaton will also entertain.

At 1 p.m., Mark Fisher will present an old-fashioned vaudeville show including juggling, magic and other circus skills.

The public is invited to bring their folding chairs and enjoy a beautiful June day in the country. Blevins Fruit Farm is located on the Mason-Dixon Line, one mile south of Stewartstown, Pa., just off Route 24. From Maryland, leave I-83 at Md. Line Exit 36. Go east (left) on Route 439 one mile to Bond Road. Turn left and continue to Blevin's sign.

From Pennsylvania, leave I-83 at Shrewsbury exit 1. Go east (left) on Route 851 to Stewartstown, then south on Route 24 to sign. For further information call 717-993-2885.

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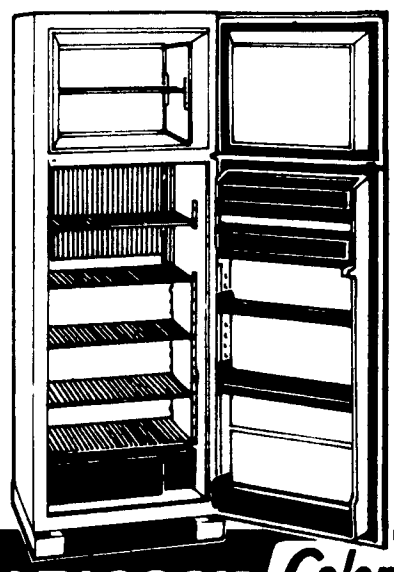

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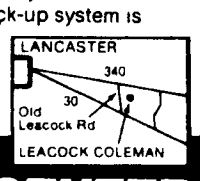

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On being a farm wife - And other hazards

Joyce Bupp

Forlorn. That's how it looks. And abandoned. Abandoned and sad.

Can one attribute such emotions, such feelings to inanimate objects? If so, the barnyard fork propped against the door into the old milking parlor, now remodeled into a weanling calf pen, certainly fit the above description.

Sure, once the fork had been shiny and new, a proud piece of forged steel. It's prongs came sharp, strong, ready to tear into the toughest bedding pack. And the handle had glowed with the clean beige of new wood, polished with protective coats of tough, clear varnish.

But now the handle showed the patina of having felt the grip of strong, working hands. Years of haymow dust, machinery grease, manure packs had paled the shinyness to a more familiar deep, dull tan. A few jagged, splintery spots marked the original machined smoothness of the wood. The sharp prongs had been worn shorter, blackened with use, their biting jab mellowed to more rounded teeth, like an old dog which has gnawed away at many bones.

Most noticeable, though, was the fork's lopsided, imbalanced look. Because, on this five-prong-style fork, only four prongs remained. An outer edge one was gone, leaving this odd-shaped, narrow-faced fork, appearing to have the handle located off-center.

Thus, Mom's Home For Flawed Tools got a new resident.

Where these tools come from, Mom is never told. They just show up one feeding, abandoned on the doorstep. Not even a note.

Elsewhere on the farmstead, such outcasts don't get a second glance. But time has proven that, left in Mom's care, flawed tools go on to be rehabilitated, work, and live useful lives.

That's because they're the only tools ever left for Mom to use. Anything in more usable condition is soon "borrowed."

Among the residents in this second-chance home are two metal yard rakes. One appears to need dental work — a partial plate would help — since about a third of the teeth on one side have chipped off. The other rake's teeth wiggle loose — although most are there — and are given brace therapy on a regular basis. But, both have sturdy, complete, basically smooth handles and daily prove their abilities in clearing away hay stems and dropped straw from various parts of Mom's calf and heifer-raising territory.

Other tool residents remain invaluable despite partial amputation.

Mom's one and only flat, wide, aluminum scoop shovel lost its handle grip eons ago in some long-forgotten skirmish. Still, it carries on nicely in the sawdust pile. We merely overlook the jagged, splintered, and thus shortened handle end. And, another fork, assigned to Mom's calf hay storage, also bears a similarly short handle. Remnants of duct-tape bandages, temporarily installed at first crack at a knot in the handle wood, help soften the pointed, two-foot handle length.

Brooms never die here, they just are swept away to immortality. One in the old barn is well overdue for sainthood. But it maintains a young attitude, sporting a spiked punk look to one side of the worn-to-an-angle bristles, where the stitching has deteriorated.

A prized, wide, shop-type broom in residence for some time, though worn down, was recently kidnapped. The bristle part shortly turned up with a job promotion, having been installed on a drop-arm fixed to the garden-type tractor, invented to scrape and clean-down the dairy barn manure gutter grates.

The ensuing ruckus set up by the founder of Mom's Home For Flawed and Abandoned Tools was later appeased with the presentation to the institution of a shiny, smooth-handled, yellow-bristled, brand-spanking-new replacement.

On it's handle, in contrasting, vivid black, indelible, unremovable, cattle eartage ink has been placed a commemorative inscription.

"Hands off this broom!"

At Mom's Home For Flawed and Abandoned Tools, we're very protective of our loved ones.

Rhubarb: A Hardy, Cool Weather Plant

NEWARK, Del. – Rhubarb is a tart but tasty addition to pies, preserves, chutney and sauces. A very hardy, cool weather perennial plant, it will produce for years if cared for properly.

According to Lucille Rhodes, Delaware extension master gardener, rhubarb will grow in almost any type of soil, but it likes a deep, fertile loam best. Before planting she suggests applying one to two pounds of 10-10-10 fertilizer for every 50 square feet of soil and working it in.

Rhubarb crowns can be obtained from a neighbor's garden or a nursery. Each one should have as many roots as possible and at least two strong buds. Do not allow the crowns to dry out before planting.

Two or three crowns are usually enough to start a patch, Rhodes says. Set the crowns two inches below the earth's surface and three feet apart. Keep the area free of weeds and grass by shallow cultivation and add fertilizer once or twice during the summer.

For the first two years allow the leaves to grow with no harvesting. If the plant produces seeds, remove them immediately to conserve energy for production of leaves and roots.

During the third season, a few of the biggest and best stalks may be pulled over a three- to four-week period. Grasp the stalks near the base and pull sideways in the direction they are growing. The following year harvest over an eight- to 10-week period, but do not remove more than two-thirds of the stalks at any one time. Apply mulch after the ground is frozen, but be sure to remove it in early spring or it will delay growth. At the same time work in some fertilizer and the plant will be ready to grow, Rhodes says.

Root or crown rot is the most serious disease of rhubarb. It causes lesions to develop at the base of the stalk and will eventually cause total collapse in moist, warm weather. There is no effective control of the disease.

The rhubarb weevil is a three-fourths-inch-long insect that will bore into stalks, crowns and roots of rhubarb. Burning the infested plants in July, after beetles have laid eggs, will help control them.

To increase your rhubarb patch or pass some crowns on to a neighbor, cut down through the center of the plant and remove one half. Replant and treat as a new crown, allowing the plant to grow a year before harvesting.

"Never, never eat the leaves," Rhodes cautions. "They contain oxalic acid and can cause fatal poisoning!"

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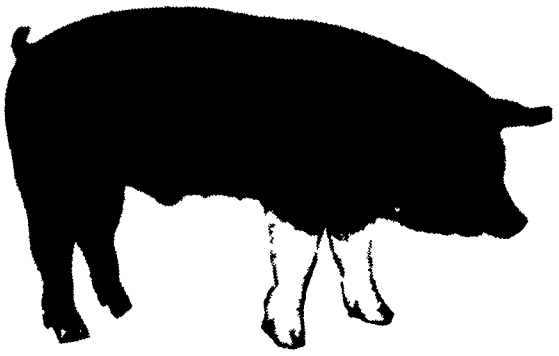

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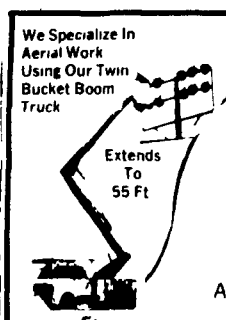

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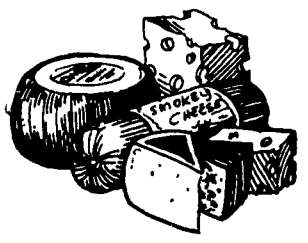
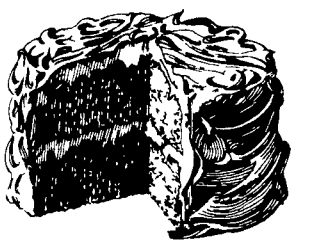


Home On The Range



Take Time Out For A Relaxing Brunch

If breakfast is usually a hurried affair at your home, you're missing out on one of life's pleasures — a leisurely breakfast or brunch savored in the company of friends or family.

Granted, unhurried mornings are a rarity on the farm, but when the opportunity to take an extra-long breakfast does arise, you'll want to be prepared with special recipes.

The options are many and range from a traditional farm breakfast of eggs, bacon, sausage, hash browns, homemade biscuits, coffee and milk, to more exotic fare like Frittata Torta and Banana Granola Omelets.

BRUNCH FRUIT TURNOVERS

2 cups McIntosh or Rome apples, diced ⅓ inch
2 teaspoons margarine
¼ cup unsweetened apple juice
3 tablespoons raisins
1 tablespoon chopped walnuts
1 teaspoon grated orange rind
2 teaspoons brown sugar
1/8 teaspoon salt
4 slices very thin sandwich bread
1 tablespoon plus 1 teaspoon margarine, melted
¼ teaspoon cinnamon

Heat 2 teaspoons margarine in non-stick skillet. Add apples and saute over medium-high heat for 2 to 3 minutes, stirring constantly. Add apple juice, raisins, walnuts, orange rind, brown sugar and salt. Continue to cook until apple juice has evaporated. Cool. Flatten bread slices, then place ¼ of apple mixture diagonally on half of each slice; fold other half over. Brush turnovers with melted margarine. Combine sugar, cinnamon and sprinkle on turnovers. Apply non-stick cooking spray in 8-inch square pan. Arrange turnovers in pan and bake 10 to 15 minutes at 350°F. Serving suggestions: serve with lite syrup and 2 slices sauteed Canadian bacon.

Makes 4 servings.

OATMEAL WAFFLES

2 cups low fat or skim milk
2 cups rolled oats
2 eggs, separated
2 tablespoon baking powder
½ cup butter or margarine, melted
½ cup whole wheat flour

Heat the milk until hot. Pour over rolled oats in a bowl. Cool for about 30 minutes. Mix in the egg yolks, melted butter, flour and baking powder.

Beat the egg whites until stiff. Fold into the batter.

Cook the waffles on a waffle iron. Be sure to grease the iron well as these waffles have a tendency to stick. Serve warm. Top with maple syrup, jams, yogurt, and/or fresh fruit.

BANANA GRANOLA OMELETS

1 cup (8 ounces) plain yogurt, divided
2 tablespoons firmly packed brown sugar
1 banana, sliced
4 eggs
2 tablespoons water
1 tablespoon wheat germ, optional
¼ teaspoon salt
2 tablespoons butter, divided
½ cup granola, divided
Granola, optional

Beat together ¾ cup of the yogurt and brown sugar. Stir in sliced banana. Set aside. Mix eggs, remaining yogurt, water, wheat germ, if desired, and salt until blended. For each omelet, heat 1 tablespoon of the butter in 7- to 10-inch omelet pan or skillet over medium-high heat until just hot enough to sizzle a drop of water. Pour in half of the egg mixture (about ½ cup). (Mixture should immediately set at edges.) With an inverted pancake turner, carefully push cooked portions at edges toward center so uncooked portions can reach hot pan surface, tilting pan and moving cooked portions as necessary. While top is still moist and creamy-looking, fill with half of reserved banana-yorgurt mixture and sprinkle with ¼ cup of the granola. With pancake turner, fold omelet in half or roll, and invert onto plate with a quick flip of the wrist or slide from pan onto plate. Sprinkle with additional granola, if desired. Keep warm. Repeat for second omelet. Serve immediately. Makes 2 servings.

RAISIN HEARTH LOAVES

⅓ cup butter or margarine, softened
⅔ cup sugar
2 teaspoons cinnamon
2 eggs
3 tablespoons milk
1 teaspoon lemon juice
2 cups flour
1 teaspoon salt
1 teaspoon baking powder
½ teaspoon baking soda
1½ cups peeled, shredded apple
1 cup chopped raisins
½ cup chopped nuts

Cream together butter, sugar, lemon peel and cinnamon. Beat in eggs until light and fluffy. Beat in milk and lemon juice. Stir together dry ingredients; add to creamed mixture, stirring until moistened. Fold in apple, raisins and nuts. Spoon batter into 3 greased miniature loaf pans, about 3x6 inches. Bake at 350°F., 40 to 45 minutes, or until toothpick inserted into the center comes out clean. Makes about 3 loaves. Batter may be baked in 5x9-inch loaf pans. Increase baking time to about 1 hour.

FRITTATA TORTA

1 cup sliced fresh mushrooms
1 tablespoon butter, divided
8 eggs
½ cup milk
¼ teaspoon oregano leaves, crushed
¼ teaspoon garlic salt
1/8 teaspoon pepper
½ medium green pepper, sliced into rings
1 medium tomato, sliced ½-inch thick

In 9-inch omelet pan or skillet with oven proof handle (to oven proof handle, wrap completely in aluminum foil), over medium heat, cook mushrooms in 1 teaspoon of the butter until tender but not brown, about 3 minutes. Beat together eggs, milk, oregano, garlic salt and pepper. Pour ¾ cup of the egg mixture into pan over mushrooms. Cook over low to medium heat until eggs are almost set, 3 to 5 minutes. Broil about 6 inches from heat until eggs are completely set, about 1 minute. Slide from pan or invert onto warmed serving platter. Cover and keep warm.

In same pan over medium heat, cook green pepper rings in 1 teaspoon of the remaining butter until tender but not brown, about 3 to 5 minutes. Pour ¾ cup of the remaining egg mixture into pan over green peppers and cook and broil as for mushroom layer. Slide or invert pepper layer onto mushroom layer. Cover and keep warm.

In same pan over medium heat, cook tomato slices in remaining 1 teaspoon butter until tender but not brown, about 2 minutes. Pour in remaining ¾ cup egg mixture and cook and broil as for other layers. Slide or invert tomato layer onto pepper layer. Cut into wedges to serve.

TWO-TONE FRUIT SIPPER

¾ cup cranberry or grape juice
1 egg
½ cup pineapple or orange juice or apricot, peach or pear nectar
Mint leaves, optional

Pour cranberry juice into tall glass. Place egg and pineapple juice in blender or shaker container. Cover. Blend or shake until well blended. Very slowly, pour pineapple-egg mixture down side of glass to form a second layer. Garnish with mint leaves, if desired. Serve immediately.

When you have the occasion to serve brunch, treat your family or guests to this simple, attractive Frittata Torta.

RICE PANCAKES

3 cups milk
2 cups packaged precooked rice
1 tablespoon honey
¼ teaspoon salt
4 eggs, slightly beaten
Butter
2 pints fresh strawberries, sliced and sweetened

Combine milk, rice and salt in 3-quart saucepan. Cook over low heat, stirring frequently, until all milk is absorbed and mixture thickens. Cool slightly. Add eggs and blend thoroughly. Use about ¼ cup batter for each pancake. Fry on lightly buttered griddle until golden on both sides. Serve with butter; top with strawberries.

BRUNCH EGGS OLE

Sauce:
1 tablespoon butter or margarine
1 teaspoon flour
¼ teaspoon salt
¼ teaspoon black pepper
1/8 teaspoon cayenne pepper
1 cup milk
¼ cup shredded cheddar cheese
¼ cup shredded monterey jack cheese with hot peppers

Eggs:
2 tablespoons margarine or butter
1 cup chopped hot and sweet peppers
½ cup chopped onion
8 eggs
8 tablespoons milk
4 English muffins, split and toasted
4 large slices fresh tomatoes
Taco sauce and salsa (mild or hot)

For the sauce: Melt 1 tablespoon margarine in saucepan over low heat. Blend in flour, salt, black and cayenne pepper. Cook over low heat stirring until smooth and bubbly. Remove from heat. Stir in milk. Heat to boiling, stirring constantly, 1 minute. Add cheese and stir until melted.

For the eggs: Melt 2 tablespoons margarine in frying pan. Saute peppers and onions until tender. Scramble eggs with milk and add to frying pan with peppers. Stir constantly over medium heat until eggs are set. Top muffins with 1 slice tomato. Spoon eggs over tomato. Spoon sauce over eggs and top with salsa if desired.

Phyllis Dobson
Library

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit Send your recipes to Sue Keene, Lancaster Farming, P O. Box 366, Lititz, PA 17543

May 23-	Strawberries
30-	Picnics and Cookouts
June 6-	Dairy Recipes

DAIRY

Get out your recipe files, because it's time to send your favorite dairy recipes to Lancaster Farming. In honor of June Dairy Month we'll be featuring YOUR favorite recipes that include fresh dairy products like milk, cream, cheese, ice cream and yogurt during the entire month of June.

When you send a recipe, we'll mail you a free tote bag to say "thanks!" Just print your favorite dairy recipe(s) on a card and make sure to include your full name and complete mailing address so your tote bag won't be delayed. Send them to: Recipes, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION- W.J. Coddington, Rahway, N.J., would like to know how to make a good Pennsylvania Dutch scrapple and how to prepare it.

QUESTION - Elizabeth Hlubik, Columbus, N.J., would like a recipe for Irish Whiskey Cake.

QUESTION - Mrs. C. Ray Bixler, Marietta, would like a recipe for the wet walnut sundae topping like that which can be purchased in soda shops or ready prepared on the grocery shelves. She would also like to know how to keep the walnuts from becoming soft after they are in the syrup.

QUESTION - Susan Moyer, Denver, would like a recipe for yellow cake made from scratch.

QUESTION - Martha Fisher, Middletown, would like a recipe for a peanut butter cream pie.

QUESTION - Mrs. Dale Burkhart, Narvon, would like a recipe for spaghetti or pizza sauce made from canned tomato juice that tastes like sauce purchased at the grocery store.

QUESTION - Barbara Allsopp, Summerhill, would like to know how to prepare the herb "lemon balm" for use. Does anyone have a recipe for lemon tea or lemonade that uses the herb?

QUESTION - Mrs. Stanley Sherry, Berkshire, N.Y., would like a recipe for Monks Bread, a raisin-cinnamon loaf.

QUESTION - Mrs. Ruth Kopp, Tower City, would like a recipe for a jelly roll type of cake filled with sliced bananas and a creamy filling.

QUESTION - Ronnie Czebotar, Wading River, N.Y., would like to know how to roast a pig outdoors on a spit.

QUESTION - Jeanne Kenna, Ottsville, would like a recipe for spinach bread, a non-yeast type of bred preferably made without cheese.

ANSWER - Estella Fink, Allentown, requested no-bake cheese recipes. Thanks go to the reader from Ephrata who shared this recipe.

English Monkey

1 cup bread crumbs
1 cup milk
1 egg
1 tablespoon butter
¾ cup grated cheese
1 teaspoon salt
6 pieces hot buttered toast

Soak the bread crumbs for 15 minutes in the hot milk Melt the butter in the top of a double boiler and add the cheese. When the cheese is melted, add the soaked bread crumbs and seasoning. Then add the beaten egg and cook for 3 minutes. Pour over the hot, buttered toast and serve at once. Serves 6.

ANSWER - Mrs. John Stoltzfus, Ronks, requested a recipe for doughnuts that calls for baking powder. Thanks go to Mrs. Denise Angstadt, Oley, for sharing the recipe below.

Old Fashioned Crullers

1½ cups granulated sugar
2 eggs
1 teaspoon salt (flat)
3 tablespoons melted shortening
2½ cups milk
4 teaspoons baking powder (good sized)
Flour enough to roll (not too stiff — a little sticky)

Cut into squares. Poke a small hole in center and fry in deep fat.

ANSWER - Mrs. Ruth Kopp, Tower City, requested a recipe for a good, light raisin bread. Thanks go to Jeanne Kenna, Ottsville, for sharing the following recipe and to all others who sent raisin bread recipes.

Cinnamon Raisin Bread

2 packages active dry yeast
2 cups warm water (105° to 115° F.)
½ cup sugar
1 tablespoon salt
2 eggs
¼ cup vegetable oil
6 to 6½ cups all-purpose flour
Vegetable oil
Margarine or butter, softened
½ cup sugar
1 tablespoon cinnamon
1½ cups golden raisins
1½ cups dark raisins

Have all ingredients at room temperature. Dissolve yeast in warm water in large mixture bowl. Stir in sugar, salt, eggs, ¼ cup oil and 3 cups of the flour. Beat until smooth. Mix in enough remaining flour to make dough easy to handle. Turn dough onto lightly floured surface; knead until smooth and elastic, 8 to 10 minutes. Place in greased bowl; turn greased side up. Cover; let rise in warm place until double, about 1 hour.

Punch dough down. Divide into halves. Let rest 10 minutes, covered. Meanwhile, combine 2 kinds of raisins, set aside. Combine ½ cup sugar and cinnamon in a second bowl; set aside. After 10 minutes, knead 1½ cups of raisins into each half. Roll each half into an 18x9-inch rectangle. Brush with oil and sprinkle each rectangle with half cinnamon-sugar mixture. Roll up tightly, beginning at 9-inch side. Press with thumbs to seal after each turn. Pinch edge firmly to seal. Press each end with side of hand to seal; fold ends under loaf. Place loaf, seam side down, in greased baking pan, 9x5x3 inches. Brush with oil. Let rise until double, about 1 hour.

Heat oven to 375° F. Bake until loaves are deep golden brown and sound hollow when tapped — 30 to 35 minutes. Remove from pans. Brush with margarine or butter; cool on wire rack. Yield: 2 9x5x3-inch loaves.

ANSWER - A reader from Spring Mills requested a recipe for puffed rice balls. Thanks go to Esther Mae Martin, Myerstown, for sharing the following recipe.

Puffed Rice Balls

⅓ cup margarine
1 cup brown sugar
⅓ cup syrup, honey or corn syrup
2 teaspoons cocoa
½ teaspoon vanilla

Bring to a full boil and pour over 8 cups of puffed rice. Stir well and roll into balls.

ANSWER - Laurie Lohmann, Middlefield, Conn., requested a recipe for vanilla whoopie pies. Thanks go to Bertha Sharp, Mifflintown, who sent the following recipe, and to all others who sent similar recipes.

Vanilla Whoopie Pies

Cream:
1 cup margarine or shortening
2 cups brown sugar
1 beaten egg and 2 egg yolks
Add:
3 cups flour
1 teaspoon soda
1½ teaspoons vanilla
1 cup milk
1 tablespoon vinegar

Chill dough for half hour. Bake 8 to 10 minutes at 350° F.

Frosting

2 egg whites
4 tablespoons milk
4 tablespoons flour
2 tablespoons vanilla
¾ cup shortening
¼ teaspoon salt
4 cups powdered sugar
1 jar marshmallow creme

Spread between cookies

ANSWER - Mrs. Stella Myszkowski, West Reading, requested a recipe for quince jelly. Thanks go to Mrs. Donald Hill, Apalachin, N.Y., and to Marie A. Cairns, Honey Brook, for sharing the following recipes.

Quince Marmalade

Peel, core and cut up quince. Cover with water and cook until tender Press through sieve and to every cup of pulp add equal amount of sugar. Cook slowly about 2 hours or until desired thickness is reached. Stir occasionally. Pour into sterilized jars and seal. Part sweet apples may be used if desired.

Quince Jelly

Follow recipe for apple jelly using quinces in place of apples and removing seeds from fruit. Quince parings are often used for jelly, the better part of the fruit being used for canning.

ANSWER - A reader from Manheim requested a recipe for animal crackers. Thanks go to Katie Leinbach, Richland, who says the following recipe makes cookies that taste much like animal crackers.

Good Cookies

1 cup white sugar
1 cup brown sugar
⅔ cup butter or lard
1 egg
1 cup sour milk or buttermilk
1 teaspoon soda
1 teaspoon nutmeg
5 cups flour

Cream sugars and shortening. Add eggs. Beat smooth. Sift the three day ingredients together and add alternately with sour milk Roll, cut and bake at 400° F for 10 to 12 minutes

(Turn to Page B9)

Brunch Recipes

(Continued from Page B6)

BACON AND EGG BREAKFAST ROLLS

6 uncut Kaiser rolls
3 slices bacon, diced
1 cup sliced fresh mushrooms
½ cup chopped onion
½ cup chopped green pepper
6 eggs
¼ cup milk
6 thin slices cooked ham
6 thin slices tomato
6 thin slices Muenster or Swiss cheese

Slice off tops of rolls at about ¾ inch down from top crust. Scoop out insides of bottom pieces, leaving about a half-inch wall all around. Save crumbs for another use.) Set rolls aside.

In 10-inch omelet pan or skillet over medium heat, cook bacon until crisp. Remove from pan, drain and set aside. Reserve 1 tablespoon drippings in pan. Cook mushrooms, onion and pepper in reserved drippings, stirring occasionally, just until tender but not brown, about 5 minutes. Stir in reserved bacon.

Beat together eggs and milk. Pour into pan over vegetables and bacon. As mixture begins to set, gently draw an inverted pancake turner completely across the bottom and sides of pan, forming large, soft curds. Continue until eggs are thickened but still moist. Do not stir constantly. Spoon egg mixture into hollows of rolls. Top egg mixture in each roll with 1 slice each of ham, tomato and cheese. Broil about 6 inches from heat until cheese is melted, about 3 minutes. Cover with reserved roll tops.

FRESH BLUEBERRY TURNOVERS

½ cup sugar
2 tablespoons corn starch
1½ cups fresh blueberries
1 recipe double crust pastry

In 2-quart saucepan, stir together sugar and corn starch. Add blueberries; toss to coat well. Stirring constantly, bring to boil over medium heat and boil 1 minute. Turn into bowl: cover surface with waxed paper or plastic wrap. Cool. Meanwhile, prepare double crush pastry. On lightly floured surface, roll out dough, half at a time, to 1/8-inch thickness. Cut into 5-inch circles. For each turnover, place 1½ tablespoons blueberry mixture on one-half of circle leaving ¼-inch edge. Moisten edge with water. Fold unfilled pastry half over blueberry mixture to form turnover. Press edges together with fork. Make an s-shaped cut in top to allow steam to escape. Place on ungreased cookie sheet. Bake in 425°F. oven for 20 minutes or until golden. Makes 12.

ORANGE-OATMEAL BREAKFAST PIE

1 unbaked 9-inch pastry crust
3 large eggs, lightly beaten
¾ cup evaporated milk
½ cup orange juice
½ cup uncooked oatmeal, quick-cooking or old-fashioned
6 tablespoons sugar
¼ cup butter or margarine, melted
1 teaspoon grated orange peel
1/8 teaspoon salt

Prepare pastry crust according to favorite recipe, or use a frozen 9-inch pie shell, defrosted. In medium mixing bowl, combine remaining ingredients. Pour into unbaked pastry shell. Bake in a 375°F. oven for 35 to 40 minutes until brown and set. Garnish with orange slices and bacon curls, if desired.

Cook's Question Corner

(Continued from Page B8)

ANSWER - Mrs. Benjamin Beiler, Quarryville, requested a recipe for V-8 juice. Thanks go to Jeanne Kenna, Ottsville, for the recipe below and to all others who shared V-8 recipes.

V-8 Juice

15 pounds ripe red tomatoes, coarsely chopped to measure 8 quarts
1 large bell pepper, finely chopped
2 large onions, finely chopped
1½ cups diced celery
4 carrots, peeled and chopped
1 bunch radish, chopped
3 to 4 beets, peeled and chopped
Head of lettuce, finely chopped
2 bay leaves
12 fresh basil leaves (or 2 teaspoons dried basil)
1 tablespoon salt
2 teaspoons prepared horseradish
½ teaspoon freshly ground pepper
3 tablespoons sugar (optional)
Parsley, chopped
2 teaspoons worcestershire sauce
½ cup lemon juice

Place measured tomatoes and all ingredients except lemon juice in a 12-quart or larger pot; simmer for 30 minutes or until all vegetables are soft. Remove basil leaves if using fresh.

Press vegetables through a fine sieve or put through a food mill to remove seeds, skins and fibrous material

Return juice to pot, stir in lemon juice and bring to a boil. Quickly pour into clean hot quart jars, leaving ½-inch headspace; seal. Process in boiling water bath 30 minutes. Makes 6 to 7 quarts

ANSWER - Susan Moyer, Denver, requested a marble cake recipe Thanks go to Rhoda Good, Lititz, for sharing the following recipe.

Marble Cake

Beat ¾ cup shortening.
Sift:
2½ cups flour
1 teaspoon salt
1¾ cup sugar
1½ teaspoons baking powder
½ teaspoon soda

Add sifted ingredients alternately with 1 cup buttermilk. Beat 1 minute, then add 1 teaspoon vanilla flavoring and 3 eggs.

For chocolate mixture add the following to just enough batter to marble:
3 teaspoons cocoa
3 tablespoons sugar
¼ teaspoon soda

Marble. Bake in 9x13-inch pan for about ½ hour.

ANSWER - Mrs. Ronald Eshbach, Bechtelsville, requested a recipe for oatmeal cookies. Thanks go to Leah Fisher, Gordonville, for sharing the following recipe.

Oatmeal Cookies

1 cup brown sugar
1 cup white sugar
1 cup lard or oil
2 eggs
1½ cups flour
3 cups oatmeal
1 teaspoon soda
½ cup coconut
½ teaspoon vanilla
1 teaspoon vanilla

Drop on cookie sheets. Bake at 325° F. until brown

Little Lions FFA Chapter Presents Award At Annual Banquet

STATE COLLEGE — The State College "Little Lions" FFA recently held their annual recognition banquet at the State College Area Junior High School. The main item of business for the evening was to present awards earned by the students through projects completed during the year.

The Tussy View Farm Leadership award given by Fred A. Strouse to the outstanding seniors went to Emily Peters and Bob Rider.

Paula Miller received the Wasson Junior Leadership award given by Wasson Insurance Agency to the outstanding junior.

Mrs. Dottie Smith and family presented the Roger A. Smith Memorial award for the outstanding sophomores to Dustin Brown and Stacey Klinger.

Chad Kauffman and Terrini Wasson received the star greenhand award for outstanding freshman.

The Skytop Beef Production award given by Reed and Bonnie McCormick to the outstanding senior beef project went to Emily Peters.

Bob Rider was honored with the Baileyville Grange Crops award for the outstanding crop farming program. The award was presented by Baileyville Grange Master Larry Moore.

Todd Markle received the Barto's Ag Mechanics award for the outstanding senior shop student. The award was given by Mearle Barto's Machine Shop.

The Agway agribusiness award given by Narbor Brothers Agway for cooperative activities went to Leigh Fyock.

Bob Rider earned the Waldo Wilbur Corl Memorial Scholarship given by the Corl family for a student accepted to the college of agriculture at Penn State and who is currently enrolled in the vo-ag program.

The DeKalb award given by DeKalb Seed Company for crop production and leadership was presented to Ed Maxwell.

Shannon Bohn and Terrini Wasson received the Way Fruit Farm Ag-Sales award.

The honorary members selected this year for their special help to the FFA members were: Zoe Hough, Darlene McTavish, Paul Veneziale, and David K. Seamens.

All parents of seniors were given special recognition for their help and assistance to their sons and daughters in their course work and related activities.

The Doug Moore Memorial Award, given to the best outstanding ninth grader, went to Chad Kauffman.

FFA advisor and vo-ag instructor David Seamens is assisted by Dr. Don Cross, vocational coordinator, and Rick Gissell, shop instructor.

York County 4-H Baby Beef Club

The York County 4-H Baby Beef Club met May 4 at the 4-H Center. Results for the spring judging contest held at Penn State were given. Robin Shive was third junior overall and placed second in swine. Team members Karen and Jason Rankin, Amy Dutrey and Robin Shive placed fourth in swine.

Sue Eisenhour reported on the Delaware Valley Judging Contest. Final plans were discussed for the Preview Show to be held at the York Fairgrounds May 30. Steers for the demonstration were provided by Cathy and Robin Shive. Mr. Myers will be at the Preview Show to trim hoofs if there is enough interest. Anyone wanting to have hoofs trimmed should notify the extension office.

The June meeting will be a tour with a time and date to be announced later.

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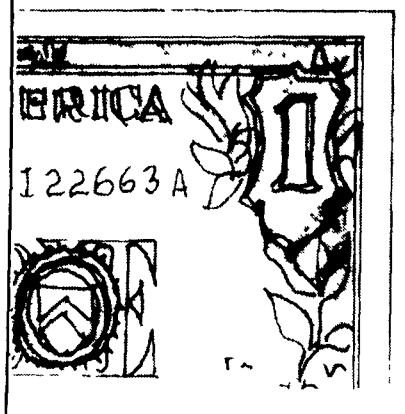

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Kid's Korner

Air Pollution Travels Across International Boundaries

WASHINGTON — Chernobyl a year ago demonstrated the fact frighteningly: Contaminated air can escape from behind even the most secure national borders.

The explosion of a nuclear reactor in the Soviet Union sent telltale clouds across several international boundaries, to Poland, Finland, Sweden, and beyond.

Pollution is everywhere. The Scandinavians are angry with the British over acid rain. Canadians are impatient with the United States for the same reason; most emissions from North America's heartland fall on eastern Canada as well as the northeastern United States.

Dust from China drifts across the North Pacific and is detected by air-monitoring lasers atop Hawaii's 13,680-foot Mauna Loa volcano.

'Valley of Death'

The most polluted place on earth, Noel Grove writes in a recent issue of National Geographic, may be Cubatao, Brazil, called the "valley of death" by its residents.

Scores of industrial plants, including a petrochemical complex, pump at least 75 pollutants into Cubatao's air, raising contamination levels in parts of the city of 100,000 two twice those considered safe for humans.

Breathing the air in Mexico City on some winter mornings has been compared to smoking two packs of cigarettes a day. The culprits: vehicle exhaust, factory smoke, and smoldering refuse heaps.

In Athens, acid deposition has caused more erosion on the ancient marble Parthenon in the past 24 years than had occurred in 24 centuries.

In West Germany, more than half the trees have been affflicted by forest dieback. "Conifers weep needles and beeches grow bald with permature aging," Grove writes. The trees are being stressed by air pollution, says West German scientists. Forests are also affected in eastern Europe, Norway, Sweden, the United States, and Canada.

In the United States, the Environmental Protection Agency points out that nearly 80 million Americans live in counties where ozone levels exceed air-quality standards and 61 million breathe too much carbon monoxide. When it occurs in smog, ozone is a noxious form of oxygen.

Nationally, the agency says overall air quality has improved since 1975 in well-known and regulated pollutants such as sulfur dioxide, carbon monoxide, and lead.

But we are in the midst of a chemical revolution in which some 65,000 commercial compounds enter our environment each year. Some are proven cancer-causing substances, and many more are suspected. Yet only eight chemicals are listed as hazardous and are regulated at their source by the EPA.

$10 Billion Medical Bill

Americans spend more than $10 billion a year on medical problems caused by outdoor pollutants, Grove reports. Ozone resulting from automobile emissions annually reduces crop yields significantly, sometimes by as much as 20 percent, in the case of soybeans.

Even the Earth's poles aren't exempt from contamination. Until the arrival of spring each year, the North Pole resembles a turn-of-the-century coal town, Grove writes.

In winter, when the Arctic is tilted into constant night and the sun cannot generate cleansing winds and precipitation, the largest single mass of pollution sits atop the globe like a dirty cap.

Scientists — now able to analyze samplings as small as one part per trillion parts of air — can trace pollution to its source.

Most North Pole pollution has been pinned to a mineral-rich smelting area in the Soviet Union's Ural Mountains.

In contrast, Grove writes, the South Pole seems fairly clean because 90 percent of the world's population lives in the Northern Hemisphere. Yet, during the past eight years the protective ozone layer has become thinner each spring over the pole.

A major hole was detected in late 1985. In the upper atmosphere, 12 to 30 miles above ground, ozone intercepts the sun's damaging ultraviolet radiation. Scientists differ on the possible culprit: industrial chemicals, solar cycles, or perhaps simply upwellings of air from the lower atmosphere.

Globally, the levels of carbon dioxide, which holds heat close to the earth, are 27 percent greater today than they were before 1850, scientists have found.

The probable cause is the burning of fossil fuels and the clearing and burning of forests by farmers. Nations of North America and Europe, including the Soviet Union, emit the most carbon dioxide because they consume the greater part of the world's oil, coal, and gas. But most of these countries burn less today than they did in 1980.

However, fossil-fuel consumption is on the rise in the rapidly developing countries of Asia, Latin America, and Africa. Scientists worry that the growing burden of carbon dioxide and other gases, such as methane, may raise global temperatures.

York County 4-H Council

The York County 4-H Council met May 6 at the 4-H Center. Members will have a petting zoo at the Hospital Fete. Pets are needed for the petting zoo.

Council members will also be participating at Old Time Days to be held Aug. 28 to 30 near Manchester.

Host homes are needed for an IFYE Student from New Zealand from Oct. 1 to 23. Anyone interested in being a host should contact Roxanne.

The program for the evening was presented by Toastmaster member Dennis Betz, who spoke on communication skills when doing a speech or demonstration.

The next meeting will be held June 3 at the Center. Flag Day favors will be made for a local home. Following the meeting, members can build their own sundae. Each family should bring a favorite topping.

The Platypus

Let me discuss
The platypus
A most peculiar creature
A ducklike bill
With rubbery feel
Is one outstanding feature

With its webbed feet
It's quite complete
For in or out of water
Just like a mole
It digs a hole
To live in when it's hot or

[illegible]
It shut its eyes
In water when it's diving
Then duck and blind
It does remain
But only not for surviving

COLOR THIS!

1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT BLUE
5.	PINK	10.	LT. GREY

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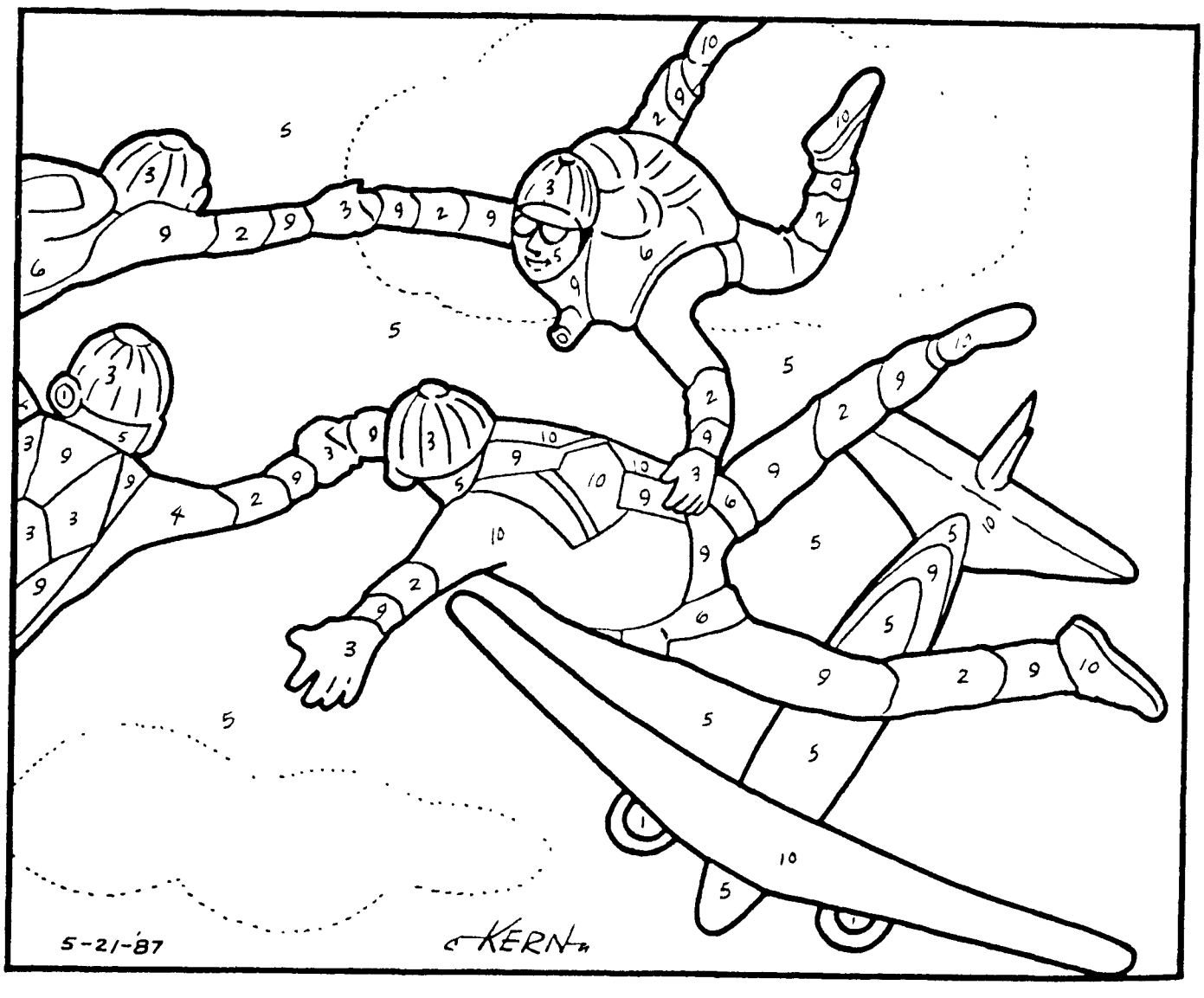

Ida's Notebook

Ida Risser

Today we all hear a lot about conservation of soil and water. I'm sure that we all agree that this is an important issue and should have our support.

However, I was thinking about the way in which conservation applies to me personally. You see, I was raised to believe in the old adage which says, "Use it up. Wear it out. Make it do. Or do without."

My parents lived by this saying and it made an impression on each of their seven daughters. Everything was used until it was completely worn out and then it was made into something else. We are told that quilts originated because folks could not bear to throw away scraps of old clothes.

When I see someone run hot water into my sink until it is full and then add a lot of suds just to wash two or three dishes, it upsets me. I guess that I try to save water at the house as I know they must use hundreds of gallons at the barn in the dairy operation. When I bring asparagus in from our patch and wash it, I'll save that water and use it to wash the soil off of the potatoes before peeling them for dinner.

Or when I get a nice big plastic bag, I'll wash it and use it to store things in. My empty freezer boxes get stored in empty bread wrappers. Of course, eventually I accumulate too many plastic bags and then I force myself to burn them. My mother simply kept everything until the time we had to empty her house and had truckloads of things to discard. I'm hoping that I won't carry saving to that extreme.

But when I'm given a gift in a pretty box, I store it away in the attic to reuse it. And, I'm likely to fold the big sheet of wrapping paper too. My mother would say, "When you want something, who do you come to?" She kept such an assortment of things! There were always the balls of string and the bags of rubberbands in her drawers. I'll admit that I've got a few myself.

Dasham Named National Winner

CENTRE HALL — Howard Dasham of Centre Hall was recently named a United States National Award winner in agriculture by the United States Achievement Academy.

This award is a prestigious honor very few students attain. In fact, the Academy recognizes less than 10 percent of all American high school students.

Dasham, who attends Penns Valley High School, was nominated for the National Award by John Ishler, a vocational agriculture teacher at the school. Dasham will appear in the U.S. Achievement Academy Official Yearbook, published nationally.

"Recognizing and supporting our youth is more important than ever before in America's history," said Dr. George Stevens, executive director of the United States Achievement Academy. "Certainly United States Achievement Academy award winners should be congratulated and appreciated for their dedication to excellence and achievement," Stevens said.

The Academy selects USAA winners upon the exclusive recommendation of teachers, coaches, counselors or other school sponsors and upon the Standards of Selection set forth by the Academy.

Dasham is the son of John, Jr. and Lucille Dashem.

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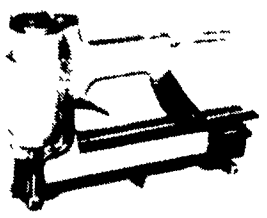

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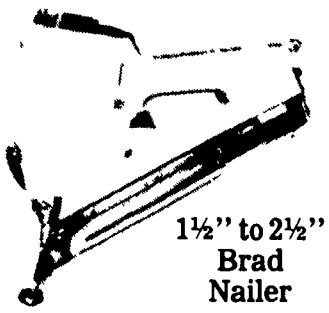

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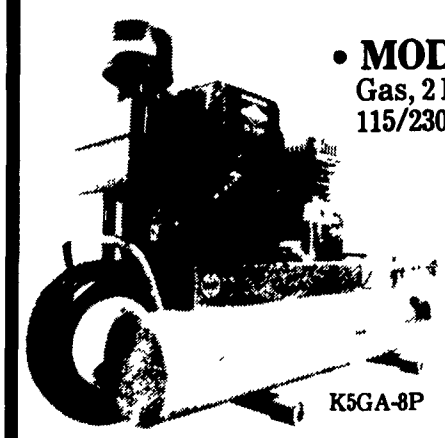

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THE MICRO WAY

LANI BLOOMER

Shish Kabobs – The Micro Way!

Shish kabobs, those tasty morsels of meat and vegetables strung along a stick, are great for entertaining. You can assemble the food ahead of time, and stretch meat further than if you were serving it whole. Try them for a Memorial Day picnic!

I'm not about to tell you that microwaved shish kabobs are better than those grilled over a bed of coals! Your microwave can't do everything, you know!

But, if your barbecue is washed out by a downpour, pop the shish kabobs in your microwave (use bamboo skewers!) and your dinner will be saved in a jiffy.

A microwave can also help to precook vegetables that won't get fully tender in the short time the meat takes to cook. This way, you don't have a bite of tender meat next to a piece of crunchy carrot!

Precooking Vegetables

Cut the vegetables into bite sized pieces. Put them in a covered casserole with two to three tablespoons water. For root vegetables, microwave on high for 5 minutes per pound (about 3 cups), stirring once halfway through. Peppers, cauliflower, etc. need about 3 minutes per pound. You should be able to pierce the pieces easily with a fork or skewer.

You need bamboo skewers to microwave shish kabobs. These are available in the kitchen sections of better department stores, in kitchen specialty shops, and in some supermarkets. The 8- or 10-inch long skewers are best for dinner size portions. Smaller sizes would be good for appetizers.

Don't skimp by using less expensive meat for those colorful shish kabobs. Use chicken instead, to cut the cost. Or, eliminate the meat and make Vegetable Kabobs, to accompany grilled hamburgers.

Beef (or lamb) Shish Kabobs

½ cup vegetable oil
¼ cup lemon juice or red wine vinegar
1 onion, sliced
1 clove garlic, minced
½ teaspoon pepper
¼ teaspoon marjoram or thyme
Pinch rosemary
1 to 1½ pounds sirloin steak or boned leg of lamb, cut in 1-inch cubes
3 medium carrots, scraped and cut diagonally in 1-inch slices
2 tablespoons water
1 green pepper, cut in chunks
8 ounces fresh mushrooms
1 small zucchini, cut in 1-inch slices
8 to 10 cherry tomatoes
8- or 10-inch bamboo skewers

1. Combine first seven ingredients in a glass or plastic bowl for marinade. Add beef cubes, stirring to coat. Cover and refrigerate for several hours or overnight. (The longer you marinate it, the stronger the flavor.)

2. Put carrots in a 1 quart casserole with the water. Cover and microwave on high for 3 minutes. Stir, then add pepper chunks and recover. Microwave on high for 2 minutes, until vegetables are partly tender.

3. Thread meat and vegetables, except tomatoes, alternately on skewers. Leave room at the end for a tomato to be added later. Arrange across a flat utility pan (12x7 or 13x9), and brush with marinade. Cover with waxed paper.

4. Microwave on high for 4 minutes. Rearrange skewers, brush with marinade, recover. Microwave for 3 minutes.

5. Add tomatoes, rearrange skewers if necessary, brush with marinade, and recover. Microwave on high for 1 to 2 minutes, until meat is desired doneness and tomatoes are hot. Serve immediately. Serves 6 to 8.

Tips: If you like your meat very rare, add the tomatoes when you rearrange the skewers in step 4 and eliminate step 5.

— To fix ahead, prepare through step 3 and refrigerate until ready to serve, then complete cooking.

— Italian salad dressing makes an extra quick marinade for meat or vegetables.

If you're on a low fat diet and bored with your everyday chicken meals, try these Pineapple Chicken Kabobs for a delightful change!

Pineapple Chicken Kabobs

½ cup vegetable oil
¼ cup soy sauce
¼ cup pineapple juice
1 clove garlic, minced
½ teaspoon ground ginger
2 whole chicken breasts, skinned and boned
1 8-ounce can pineapple chunks
1 16-ounce jar pearl onions
8 ounces fresh mushrooms
8- or 10-inch bamboo skewers

1. Combine first 5 ingredients in a glass or plastic bowl. Cut chicken in 1-inch chunks, and stir gently into marinade. Cover and refrigerate for several hours or overnight.

2. Thread meat and remaining ingredients alternately on bamboo skewers. Arrange in a flat utility pan (12x7 or 13x9). Brush with marinade and cover with waxed paper.

3. Microwave on high for 3 minutes. Rearrange skewers, brush with marinade and recover. Microwave on high for 3 to 4 minutes, until meat is done. Serve immediately. Serves 4 to 6.

Tips: Other vegetables may be added or substituted. Precook as directed above if necessary.

Note: The times above are for 650 to 700 watt microwaves. For 500 to 600 W, add 10 to 15 seconds for each minute.

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Montgomery Co. 4-H Horse Clubs Set Show Dates

CREAMERY — The Montgomery County 4-H Horse Clubs have set their show dates for the 1987 season and invite all interested riders to participate in the open shows. There are classes for hunt seat, stock seat and saddle seat as well as driving, racing, equitation and walk-trot. The shows are open to the public.

The Central 4-H Horse and Pony Club is sponsoring a show Saturday, May 16th. Other open shows include Hatfield Horseshoes Show, June 13th; Perk-Penn Club Show, June 20th; and the Center Benefit Show, July 18th. For a schedule of shows and a contact number to obtain a prize list call the 4-H Office at 489-4315.

The shows will be held at the site of the former 4-H Center in Lansdale, located on Snyder Road off Route 363 between Allentown Road and Sumneytown Pike. Most shows start at 8:30 a.m.

The 4-H Horse Program is open to all youth ages 8 to 19 who are interested in learning about horses. There are horse science projects available for youth who do not have access to a horse but want to learn and get involved. For more information on the 4-H program contact Nancy Kadwill at 489-4315.

Franklin Co. Seeing Eye Puppy Club

The Franklin County Seeing Eye Puppy Club attended church at the memorial Lutheran Church in Shippensburg with their puppies Sunday, April 26. During Sunday School, club members spoke about the club and gave a demonstration of puppy handling. They later attended worship service in the sanctuary.

Monday, April 27, members and their puppies met for a training session. The club meets the last Monday of each month at the Extension building on Franklin Farm Lane in Chambersburg at 7:30 p.m.

Anyone interested in raising a puppy for a year or just wanting general information should contact Donna Boyd at 264-9192 or the Extension office at 263-9226.

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

News For Junk Food Junkies

Are you a junk food junkie consumed by guilt? Do you wonder if that food is really junk or does it have some redeeming qualities? Not all fast foods are junk. In fact, they are only junk if they are eaten exclusively or to excess so that your daily nutrient and calorie consumption are thrown off balance.

Generally, one fast food meal a week, regardless of its content, will have little impact on the average person's nutritional intake. Yet, if you eat fast foods frequently, you may not have a well-balanced diet.

Most fast food meals — for example, a burger, fries, and cola — are adequate in proteins, fats and carbohydrates — but they are low in vitamins and minerals. However, if you include a serving from the salad bar, a milkshake, a glass of orange juice, and cheese on your burger or pizza, you will have a reasonably well-balanced meal.

You will also have a meal that may add up to more than half of all the calories you need that day. Fast foods are generally calorie-dense, not nutrient dense; that is, they are disproportionately high in calories in comparison to the nutrients they supply.

Fast foods are simply foods, not junk. But anytime you eat more food than you need, especially more calorie-dense food, that extra can be called junk. If you like fast food, enjoy an occasional meal. Just remember to balance your recommended daily allowance of essential nutrients during your other meals to overcome any fast food nutrient deficiencies.

Children Make Mistakes Too

We all make mistakes. It is how we react to mistakes that separates the wise from the foolish. For children, it is how we as parents react that is important. As parents, you should tell your children when they are wrong. That's what parents are for.

But whether a child's mistakes become a learning experience or a crushing defeat is up to you as parents, and the key is listening. Before you say anything you should listen to what your child has to say, and to what he or she feels and thinks. Since children are often silent about mistakes, you must create an atmosphere in which your children can talk freely.

This trust and confidentially does not just happen. It comes from spending time with your children and talking and listening to them. You also need to be "adult" about mistakes and realize that there is often more than one right way. Sometimes the child's way is best.

Perfection is something to strive for, but if you expect it all the time, you will have children who feel that they can never please you. Children need to be reassured when something goes wrong, and they also need help in understanding why it went wrong. You can help your children learn from their mistakes by being supportive, open and always willing to listen.

Set Goals For Your Money

There has never been a more important time to set financial goals... to decide what you want to save for and how you will go about it. Families with spending plans find their paychecks go farther and they can buy that new car or home easier and faster.

To be effective, make goal planning a family affair; even the children should have a say. This cooperation not only increases the sense of belonging and worth, it also helps insure the plan's success. Family members who are part of the process work harder to reach the goals, and they are also more willing to make sacrifices if necessary.

Compromise is a necessary part of setting goals. You must learn to balance your wants with what others want. It is tempting to try and do it all, but you will only end up doing nothing. You must set priorities. Some things will just have to wait.

Cumberland Seeks Princess Candidates

CARLISLE — The Cumberland County Dairy Princess Committee is seeking contestants to compete in the county dairy princess pageant, scheduled for June 12 at the Embers Convention Center.

All single young women who have completed their junior year of high school and who will not reach their 24th birthday by Dec. 31, 1987 are eligible to compete. Contestants must also have a dairy farm background.

The winner of the county pageant, which will begin at 8 p.m. June 12, will be eligible to compete, at the state level, for the title of Pennsylvania Dairy Princess.

Thirty state princesses and hundreds of county princesses have served as spokesmen for the dairy industry in Pennsylvania. They appear in shopping malls, fairs, supermarkets and on radio and television to educate consumers about the dairy farmer's products.

To qualify, a contestant must have completed her junior year in high school, not be over 24 years of age and single, and have parents or guardians who are engaged in dairy farming. A young lady is also eligible if she is a full-time employee on an operating dairy farm or owns at least two dairy animals in a 4-H or FFA project before May 1, 1987.

The winner of the Pennsylvania Dairy Princess Pageant receives a $1,200 cash award. First and second runners-up receive a $500 and a $400 cash award respectively.

The state title is honorary and will not interrupt school or regular employment plans. The state pageant is coordinated through Pennsylvania Dairy Princess and Promotion Services, Inc.

Young women interested in entering the Cumberland County Dairy Princess Pageant should contact: Robert Berkheimer, 1319 Lisburn Road, Mechanicsburg, Pa. 17055; Janice Coover, 51 Appalachian Drive, Carlisle, Pa. 17013; or Margaret Smith, R1, Box 193 Shippensburg, Pa. 17527, as soon as possible.

Broken Bit Horse And Pony 4-H Club

Members of the Broken Bit Horse and Pony 4-H Club met April 17 at the Immel's. The group discussed the 4-H trail ride held at Frybarger's. They also discussed sponsors for the 4-H horse show planned for June 21 at the Lower Hopewell Center.

The next meeting will be held May 22 at Dereck Bomberger's. For more information call leader Jean Immel, 626-5864; or Helen Farrington, 626-7258.

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Farm Women Societies

Lancaster Society 1

Members of Lancaster Society 1 held their mother/daughter banquet May 1 at the Brunnerville Firehall. Twenty-nine members and 46 guests attended.

President Ann Landis opened the meeting by reading the poem entitled "What God Has Given Me."

Members responded to roll call by introducting their guests and quoting a bible verse with the word "Love" in it.

For devotions, Grace Moyer read segments from the book of 1st Samuel which told of the biblical mother Hannah. She also read a poem entitled "Mother Mine," which she dedicated to her own mother, Kathryn Ehst.

Miriam Kauffman, a dairy farmer and a member of Society 2, was the featured speaker. She focused on teddy bears and showed her own collection of bears. She also discussed the importance of maintaining good relationships between parents and children.

Marion Fuhrman, who celebrated an 80th birthday, was honored and presented with the Farm Women's 80th year birthday pin.

Three members, Violet Adams, Ann Sangrey and Martha Jane Brubaker sewed at Lancaster General Hospital April 27.

Barbara Hershey of 304 Newport Road, Lititz, will host the next meeting of Society 1 on June 6. Guest speaker for this meeting will be Jean Roth. She will portray Harriet Lane, who was a niece of President Buchanan.

Lancaster Society 7

Mary Denlinger entertained members of Society 7 May 9.

The group opened the meeting by singing "My Wild Irish Rose." Mary Denlinger read the 119th Psalm and a poem for Mother's Day, which was followed by prayer.

The minutes of the April meeting and the treasurer's report were accepted. Seventeen members responded to roll call by telling what they hope to accomplish in 1987. The hostesses were Martha Landis, Betty Wenger and Frances Eshelman.

Highlight of the meeting was a plant and food auction with Aura Eby acting as auctioneer.

The group will celebrate its annual birthday party at the Leola Family Restaurant Oct. 10. Joyce and Arthur Hershey will be the guest speakers.

Lancaster Society 24

Members of Lancaster Society 24 met at the "Design Detail Shop" in Lancaster April 28 for their regular monthly meeting. After the program, the members went to Elby's for a business meeting and refreshments.

The group took a trip to St. Michaels, Md. May 12.

Society 26 entertained the group April 28, when Lydia Potts of Millersville presented an "Image Improvement" program.

Lancaster Society 25

Nineteen members and guests of Lancaster Society 25 met at the home of Helen Happle, 114 Musser Ave., Lancaster, May 9.

For devotions, Miriam Byers read Psalm 37:1-11 and the poem "Do It Now" from Ideals.

A food sale at John Herr's store was a success.

Bea Newswanger made 19 soppers and 29 bed pads. The group made a donation to the Dairy Princess Association.

Lorri Rutt, alternate county dairy princess from Quarryville, spoke about the value of dairy products in the diet. Her theme was "How to keep your body healthy and happy."

The next meeting will be held June 13 at the home of Phyllis Reapsome, 1254 New Danville Pike, Lancaster. Dorothy Elmer will give a book report.

F.W.S. Calendar

Saturday, May 16

Lancaster Society 3 meets at 2:15 p.m. for a program by NBC cameraman Marty Brumbaugh.

Lancaster Society 4 meets at 1:30 p.m. for a 'Cross Country Conversation.'

Lancaster Society 12 meets at 1 p.m.

Lancaster Society 15 meets for 10 a.m. brunch at Willow Valley Restaurant.

Monday, May 18

Lancaster Society 29 meets at St. Mark's Church, Mt. Joy, at 7 p.m. to entertain Society 27.

Lancaster Society 34 entertains at Mechanic Grove Church of the Brethren. Marion Thomas will demonstrate wheat weaving.

Wednesday, May 20

Farm Women Spring Rally, Elizabethtown College.

Berks Group 9

Members of Berks Group 9 met May 6 in the home of Karen Schreier, Douglasville. Eight members were present to hear Debra McCone of the Berks Women in Crisis discuss family violence.

Next month's meeting will be held June 3 with Tom and David Hendricks discussing their trip to Philmont Scout Ranch.

Lancaster To Host Farm Women Rally

LANCASTER — Lancaster County Farm Women will host the state Farm Women Spring Rally at Elizabethtown College May 20.

Speaker for this statewide event will be Ann Kaiser, editor of Farm Woman News. Kaiser is best known for her "editor on the farm" series of articles which she writes each month about her visits to various farming operations throughout the country.

Kaiser has been editor of Farm Woman News since 1971, and is a native of Hartland, Wisc. The monthly publication has a circulation of over 300,000.

The rally is scheduled to begin at 11 a.m. in the Thompson Gym at Elizabethtown College. It is one of two statewide events held by Pennsylvania's Farm Women Societies and draws over 1,000 women.

Alfred Student Receives $1,000 Scholarship

ALFRED, N.Y. — Darin G. Lowe of Pavilion received a $1,000 scholarship donated by an Alfred businessman during Alfred State College's third annual Honors Convocation.

Lowe is the first recipient of the award established by Kenneth Snyder of Alfred to honor his parents who were engaged in farming for 30 years. The award goes to an incoming Alfred State freshman who plans to major in agriculture.

Snyder's mother, who was present at the Convocation and introduced to the audience, now resides in the Village of Alfred. Her husband died in 1959.

Under terms of the Snyder scholarship, recipients are selected on the basis of scholastic achievement, with preference given to candidates who reside in Western New York.

Lowe, a 1986 graduate of Pavilion Central School, is enrolled in animal husbandry.

Little Dutchmen FFA

The Little Dutchmen FFA Chapter elected the following officers April 20: president, Eric Harnish; vice president, Sheila Hostetter; secretary, Kristie Kreiser; treasurer, Scott Brinser; sentinel, Kent Reigle; reporter, Duane Copenhaver; chaplain, Allen Heagy; and historian Alan Auman.

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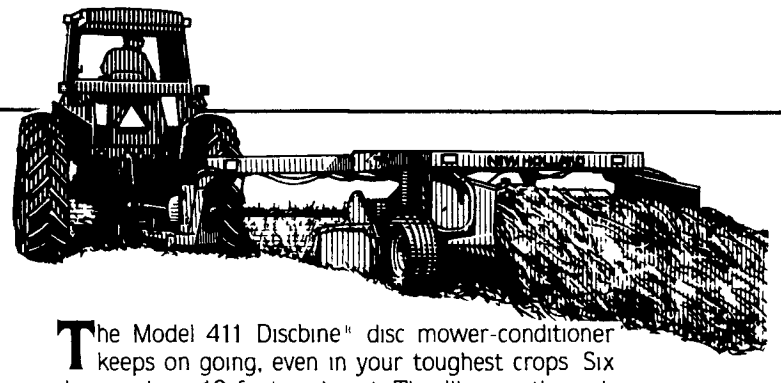

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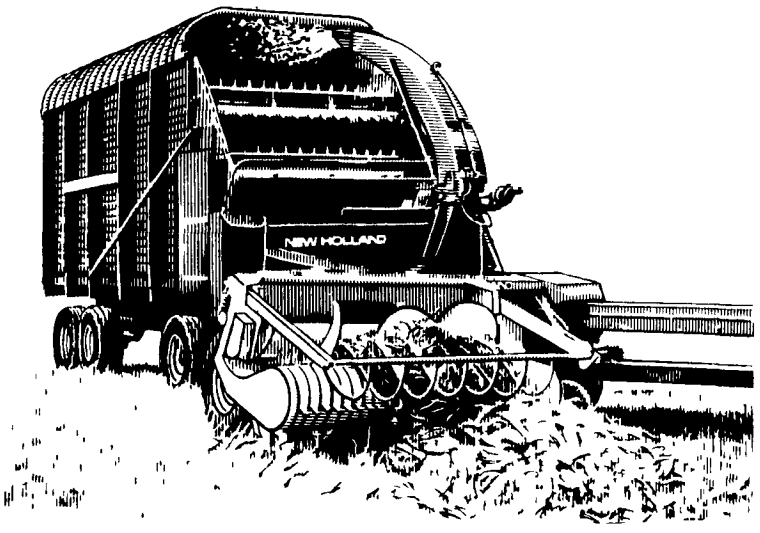

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Milton 4-H'er Takes First In Del. Junior Broiler Finals

NEWARK, Del. — Vivian Mills, a 13-year-old 4-H'er from Milton, won first prize in the 1987 Delaware Junior Broiler finals held recently in Felton, Del.

Vivian's seven dressed chickens, selected from her flock of 50, averaged 4.93 pounds each. She received a trophy and a $50 prize for her winning entry. Vivian is a member of the Just Kidding Around 4-H Club.

This is the 37th year of the Delaware Junior Broiler program, an educational project sponsored by the Delaware Poultry Improvement Association and the Cooperative Extension System of the University of Delaware. Industry representatives, feed dealers, vo-ag teachers, 4-H club agents and service clubs support the event by giving contestants information and advice on growing the birds according to recommended practices.

Forty-five contestants participated in the program, which involves raising 50 chicks for 42 days. Each entry is judged on the basis of records kept and the quality and weight of seven selected birds.

For placing second in the finals, Kenny Warren of Kenton received a $40 cash prize. He is a member of the Smyrna Future Farmers of America.

Vivian Mills

Jamie Straughn, Townsend, took the $30 third place prize and the award for heaviest bird. Her seven chickens weighed a total of 35.5 pounds for an average of 5.07 pounds each. She is a member of the Blackbird 4-H Club.

Will Currey, Middletown, also a member of the Blackbird 4-H Club won fourth place.

Cash prizes also were given to the following participants: Kim Dannenhauer of Felton, fifth; Stephen Carroll of Middletown, sixth; Debbie Warren of Kenton, seventh; Morgan Shulenberger of Townsend, eighth; Mike Higham of Middletown, ninth; Stephen Cook of Newark, 10th; Cheryl Warren of Kenton, 11th; Dale Cook of Kenton, 12th; Danny Carlson of Camden, 13th; Charles Carlson of Camden, 14th; Fred Biggs of Felton, 15th; James Skaggs of Clayton, 16th; Shawn Cook of Kenton, 17th; Jason Breeding of Greenwood 18th; Kevin Warren of Kenton, 19th; and Jimmy Mitchell of Smyrna, 20th.

Since the Junior Broiler contest began in 1949, contest officials have reduced the growout period repeatedly. In 1955, for example, competing broilers took 74 days to reach an average weight of 3.9 pounds. Ten years later, participants raised chickens averaging 4.39 pounds in 57 days. In 1975 competing chicks reached an average live weight of 4.74 pounds in 53 days. This year's broilers took only 42 days to reach an average weight of 4.17 pounds.

Pa. Lamb and Wool Festival Slated

STATE COLLEGE — The third annual Pennsylvania Lamb and Wool Festival — An American Event will be held July 10 through 11, in State College, Centre County. This year's theme, "An American Event," will promote Pennsylvania and American made wool fleeces, yarns, fibers and garments.

The festival will be held in the Ag Arena, in conjunction with the Keystone Stud Ram and Ewe Sale and the popular Central Pennsylvania Festival of the Arts, according to Festival Chairman John Jamison of Latrobe.

Commercial, craft and equipment exhibit reservations are now being accepted through June 1, 1987. In addition, competition will be held in sheep photography, fine art, wool crafts and garments, a fleece show and sale, a junior fleece to shawl contest and auction, the Pennsylvania Lamb Cook-Off Contest and 4-H and FFA exhibit competition. More than $1,000 in cash and prizes will be awarded.

Entry deadline for craft and commercial booth space is June 1, while competition entries must be received by June 15.

The 1986 festival featured 45 craft exhibitors including pottery, woven wool garments, sheep skins, pelt crafts and hundreds of lamb and wool related items. Lamburgers, kabobs and roast lamb sandwiches fed the crowds. The festival also featured demonstrations of lamb cookery, wool dying, sheep shearing and sheep dogs.

Sharing the Ag Arena will be the Keystone Stud Ram and Ewe Show and Sale featuring more than 500 head of pure-bred sheep.

To receive a premim list, reserve booth space, or enter one of the many competitions, write: PA LAMB & WOOL FESTIVAL, Rm. 303, Pa. Dept. of Agriculture, 2301 N. Cameron Street, Harrisburg, PA 17110. Telephone 717-787-5086.

Boots And Saddles 4-H Club Announces Show Results

Despite the rain, 30 riders and their horses attended the Boots and Salles 4-H Open Show, held at Fellenbaum's Farm May 2.

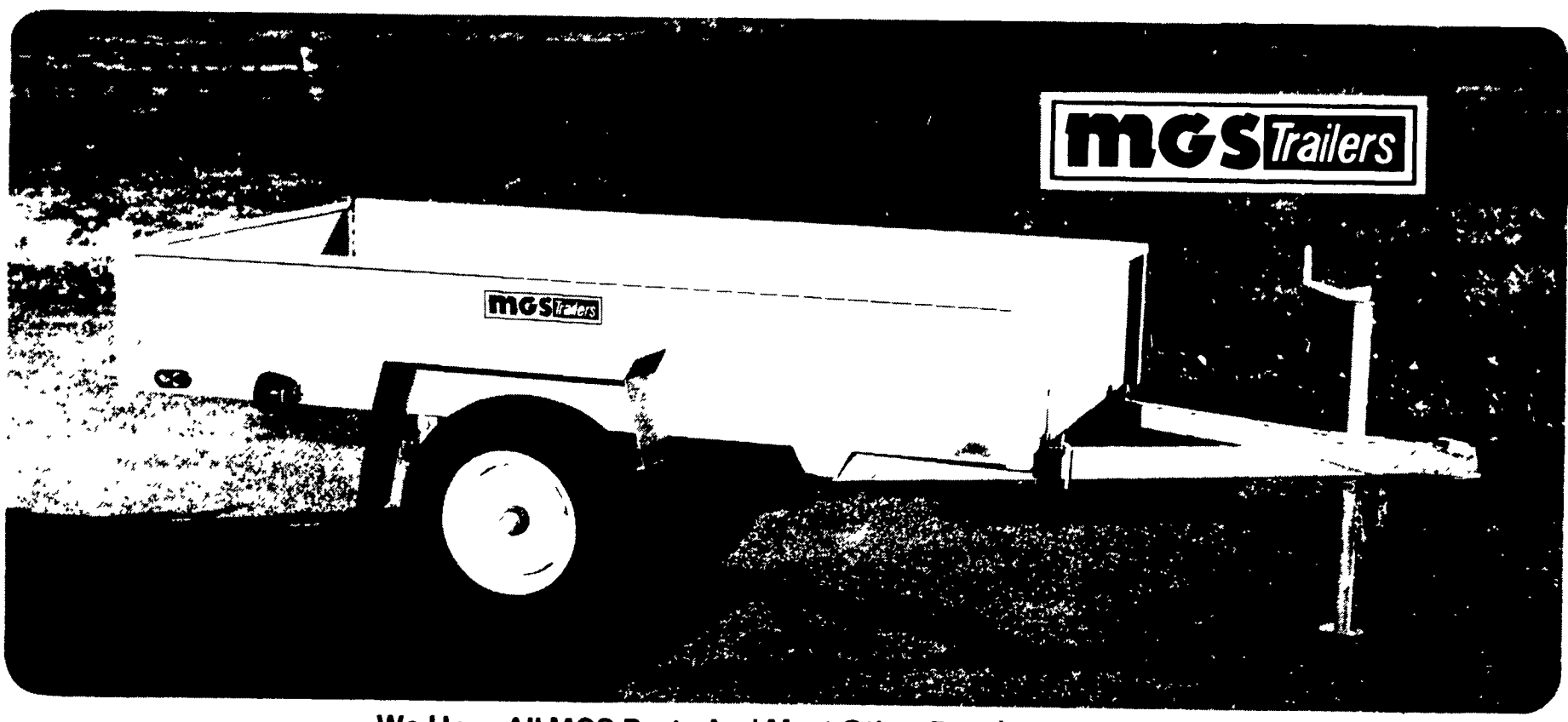
The adult champion was Lashon Bussell of Schwenksville, and the adult reserve champion was Tammy Long of Landisville.

The children's champion was Bobbie Miller of Manheim and the children's reserve champion was Heather Buller of Mt. Joy. The walk trot/jog champion was Dusty Buller of Mt. Joy, and the walk trot/jog reserve was Melissa Marrow of Lancaster.

Other results are: grooming and showmanship, first, Derek Bomberger; second, Tammy Long; open halter, first, Derek Bomberger; second, Sallie Gregory; dollar bareback, first, Darlene Buller; second, Noel Benner; leadline, first, Dustry Buller; second, Nichole Burkhart; egg and spoon, first, Tammy Long; second, Tracy Garofalo; English equitation adult, first, Candy MacPierson; second, Lashon Bussell; English equitation children, first, Claudia Hartzler; second, April Ritzel.

Other results are: pole bending horse, first, Noel Brenner; second, Michelle Miller; pole bending pony, first, Bobbie Miller; second, Heather Buller; English pleasure horse, first, Lashon Bussell; second, Derek Bomberger; keyhole horse, first, Noel Brenner; second, Michelle Miller; keyhole pony, first, Bobbie Miller; road hack, first, Tammy Long; second Missy Overbaugh; walk trot/jog equitation, first, Eileen Holm; second, Dustry Buller; barrel race horse, first, Noel Brenner; second, Michelle Miller; barrel race pony, frist, Bobbie Miller; second, Heather Buller; western equitation adult; first, Anne Vath; second, Lashon Bussell; western equitation children, first, Heather Buller; second, Jessica Hill; walk trot/jog pleasure, first, Chris Porter; second Eileen Holm.

Western pleasure horse, first, Anne Vath; second, Lashon Bussell; western pleasure pony, first, Jessica Hill; second, Heather Buller; green pleasure, first, Lashon Bussell; second, Derek Bomberger; break and out, first, Bobbie Miller, second, Michelle Miller; trail horse, first, Lashon Bussell; second, Anne Vath; trail pony, first, Jessica Hill.



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Lebanon County 4-H'ers Named Keystone Winners

LEBANON — Six Lebanon County 4-H members have been named Keystone winners in nine areas of the 4-H National Awards Scholarship Program.

They are: Eric Funk, Lebanon; Jennifer Alwein, Lebanon; Alan Auman, Lebanon; Rebecca Grumbine, Myerstown; Jeff Wagner, Lebanon; and Andrew Smith, Myerstown.

Keystone winners are the semi-finalists in the selection of state 4-H winners in each of 40 program categories.

The state winner in each category will receive an expense-paid trip to National 4-H Congress in Chicago. Keystone winners were selected on the quality and depth of their 4-H involvement. The final selection results from interviews held at Penn State. The state winner will be selected on the basis of poise and maturity as well as his or her 4-H experiences.

Rebecca Grumbine is a Keystone winner in the Gardening and Home Management program areas. She is a member of the J&M Variety 4-H Club and Lebanon County Teen Council. An active 4-H'er, Rebecca has participated in State Achievement Days, Olympic Day, and the Lebanon Area Fair. She has presented demonstrations on the county, regional, and state levels. Rebecca is the daughter of Martha and Ray Grumbine.

Eric Funk is a Keystone winner in the Home Environment and Wood Science programs. He is a member of the Cedar Valley 4-H Club and Teen Council. Eric is a teen leader helping younger members develop project skills. Eric has taken projects in the following areas: management, design, wood working, leadership, archery, and riflery. He will be attending Citizenship-Washington Focus this summer. He has earned regional honors for his demonstration presentation skills. Eric is the son of Judy and Richard Funk.

Andrew Smith is a Keystone winner in Consumer Education. He is a member of the Myerstown Raiders 4-H Club and vice-president of the Lebanon County Teen Council. Andrew was a member of the County Consumer Presentation Team which won top honors during competition at State 4-H Achievement Days. He has participated in 4-H Capital Days, Citizenship-Washington Focus, PA Leadership Congress, State Achievement Days, Olympic Day, Lebanon Area Fair, and 4-H Camp. Andrew is the son of Mary and Lee Smith.

Jennifer Allwein has been selected as a Keystone Winner in the Bicycle Program. She is a member of the Cedar Valley 4-H Club and Lebanon County Teen Council. Jennifer's other 4-H activities include PA Leadership Congress, Olympic Day, Lebanon Area Fair, State Achievement Days and 4-H Camp. She will represent the county this summer at Citizenship-Washington Focus in Washington, D.C.

Alan Auman is a Keystone Winner in the Personal Development category. Alan is a member of the Lebanon County Livestock Club, NoSoAnn Dairy Club, Lebanon County Tractor Club, South Mountain Community 4-H Club, and Lebanon County Teen Council. In addition to a wide variety of projects, Alan serves as a teen leader assisting adult volunteers and working with younger members.

Jeff Wagner is a Keystone Winner in Health and Wildlife and Fisheries. He is a member of the Cedar Valley 4-H Club. Jeff's other 4-H activities include PA Leadership Congress, State Achievement Days, and the Lebanon Area Fair.

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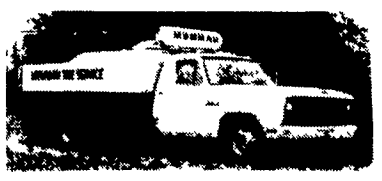

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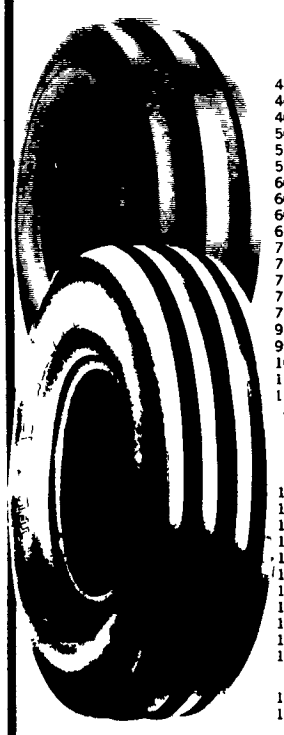

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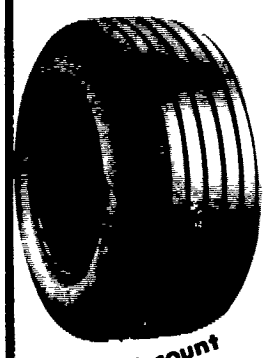

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11Lx15 8 Ply	$47 00
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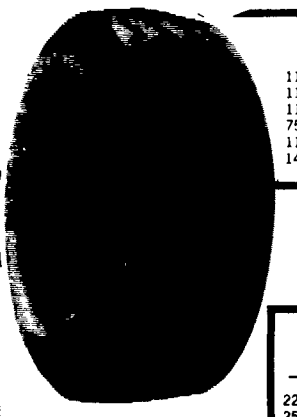

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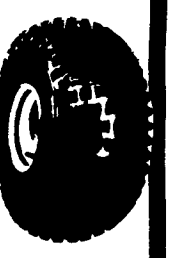

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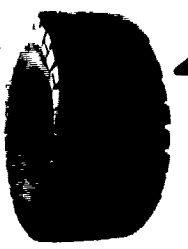

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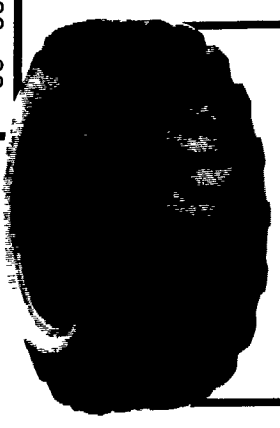

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Commission Urges Extension To Reach Urban Communities

ALBANY, N.Y. — The county agent system founded three-quarters of a century ago to improve the lot of farm families should devote its attention in the 21st century to water pollution, urban youth, housing and public health issues, including AIDS, a new report says.

The need to reach an increasingly urbanized population is a key finding of the Commission on the Future of Cornell Cooperative Extension, which recently made public its report following a nine-month study.

The 15-member commission was headed by Robben W. Fleming, president emeritus of the University of Michigan, and included representatives of industry, agriculture, education, and state and local governments. It was appointed by President Frank H.T. Rhodes of Cornell University, New York's land grant university which is responsible for the state's cooperative extension system.

With agriculture still the state's largest industry, and with a strong commitment to Cornell Cooperative Extension among farm families, the report suggests the need to help make farms more profitable through better management, but also to find part-time work and even alternative means of livelihood for the 7,200 New York State farmers who are likely to go out of business by 1990.

The report asks Cornell and the county Cooperative Extension associations to apply research-based knowledge to contribute to economic development in both urban and rural areas. "Working relationships can be established and expanded between business firms and college researchers which will increase business investment and private-sector jobs," it says.

Toward the goal of enhancing the environment, the commission says that "additional programs are needed to deal with water quality and all the pollutants by which it is degraded," as well as with solid waste. It also calls for "better management of natural resources," including forests and fisheries.

Looking at demographic trends, the report calls for extension programs targeted at the ever-growing elderly population and at the rapidly increasing number of minorities. "Cornell research and extension programs have an opportunity to assist youth in the metropolitan centers to develop a productive future for themselves ... with appropriate educational opportunities," the commission writes.

"Nutrition and health cry out for educational intervention," the report says, urging research and education on problems of premature birth and high infant mortality, as well as "the staggering AIDS problem."

Because many of the problems to be targeted are urban and because 40 percent of the state's population lives in the five boroughs of its biggest city, the commission asserts that "it is important that New York City and state funding expand the current Cooperative Extension presence in New York City to the levels of commitment and program found upstate."

In order to involve more academic disciplines in the university's diverse outreach commitment, the report suggests that Cornell's provost, who is the chief academic officer, bring all campus outreach programs within his area of responsibility.

The series of recommendations "will allow Cooperative Extension to be far more flexible, and to design its programs county by county to meet local needs," said Edwin L. Crawford, executive director of the New York State Association of Counties and a member of the commission.

"Local administrators will be given great flexibility in adapting programs suitable to their needs, with appropriate support from the university, whether it's a basically rural county, of which we still have many in New York, or Westchester County, which has a very active program," Crawford said.

The report refers to "the remarkable success of the Cooperative Extension System in New York State" and lauds Cornell's long-standing commitment to it.

In a message to New Yorkers involved in Cooperative Extension programs, Cornell President Frank H.T. Rhodes spoke of his desire to "strengthen a program that's already strong.

"Cooperative Extension has touched the lives of many people in the state over its 75 years of existence," he said. "Our hope is, that in the years ahead, it can touch an even larger segment of the total population — enhancing human potential, increasing effectiveness in agriculture and economic development, stabilizing and strengthening family and community structure."

"I was very pleased with the thoughtful report. It gives us a blueprint we can develop for the future," said Lucinda A. Noble, director of Cornell Cooperative Extension.

"The commission has challenged us to take a serious look at program priorities, staffing and funding," she noted. "Doing that successfully will really make a difference if we are to reorient ourselves as a modern land grant university, providing the fruits of our research to the citizens of New York and the nation."

Noble said she was heartened that the report acknowledged Cornell's commitment to the land grant principle "because New York State has a real partnership with its people through cooperative extension."

The report's recommendations parallel those of a committee that studied the nationwide cooperative extension system three years ago and said "it must be prepared to modify its organization, its focus and its use of resources" to reflect new technologies and changing demographics. Noble was a member of that committee.

Farm Museum Offers Egg Scratching Workshop

LANCASTER — Egg scratching, an exquisite art authentic to the Pennsylvania Germans, and the traditional technique of wax resist egg decoration will be demonstrated at the Pennsylvania Farm Museum of Landis Valley from 9 a.m. to 5 p.m. May 23 and and from noon to 5 p.m. May 24.

Another feature of the weekend will be the slide show "The Roots of Pennsylvania Germans in Palatinate Germany." Shown at 11 a.m. and 2 p.m. Saturday, and at 3 p.m. Sunday, the show will be presented by a native German expert on traditional Palatinate culture. Twenty-two museum buildings will be open, some with guides or demonstrating craftsmen. Visitor services include a gift and book shop as well as eating facilities.

Evelyn Althouse, a native of Lancaster County, will demonstrate egg scratching. Mrs. Althouse says an egg with symbols of life scratched on it was found in a 1,300-year-old grave of a woman in Eastern Europe. In America, she noted, Pennsylvania Germans practiced both the wax resist and scratching methods to decorate eggs at Easter. Scratched eggs were usually presentation pieces and were sometimes dated.

Two good friends of Mrs. Althouse from Germany will join her to create this special weekend. The expert in the wax reserve (batik) method is Brigitte Raab, who owns one of Germany's largest collections of decorated eggs. She noted that only a few areas of Germany still practice this early technique of decorating eggs.

Elke Schwang will produce and present the slide show. She researches both her native Palatinate culture and its strong ties with that of the Pennsylvania Germans. She works at a Palatinate history and folk culture museum in Germany creating exhibits and organizing events.

The Pennsylvania Farm Museum of Landis Valley is located 4 miles north of Lancaster on Route 272 (Oregon Pike), a marked exit off Route 30. It is operated by the Pennsylvania Historical and Museum Commission with support from the volunteer group, the Landis Valley Associations.

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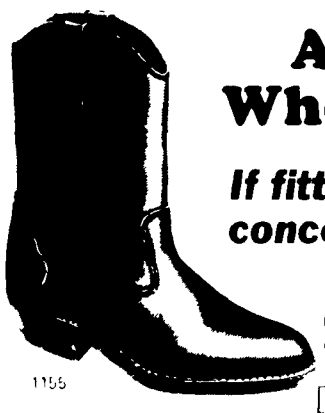

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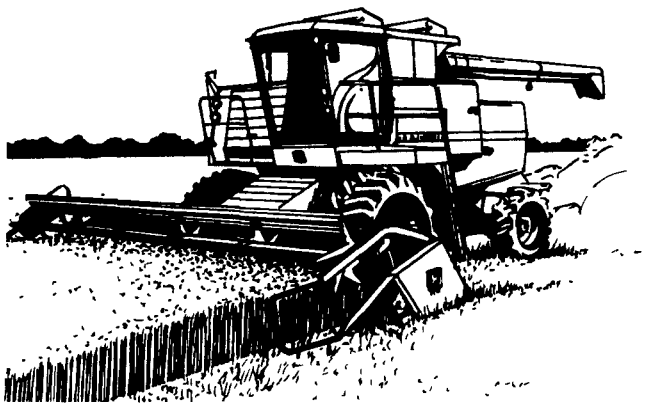

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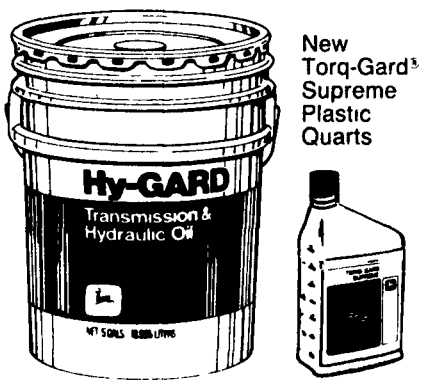

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Today's Poultry Safer Than Ever, Says Broiler Council President

WASHINGTON, D.C. — Proper handling and cooking techniques should eliminate any possibility of contacting illness from salmonella bacteria that may be present in any food product, according to George Watts, president of the National Broiler Council.

Responding to recent publicity about chicken and food safety, Watts declared that today's poultry is safer and more wholesome than it ever has been.

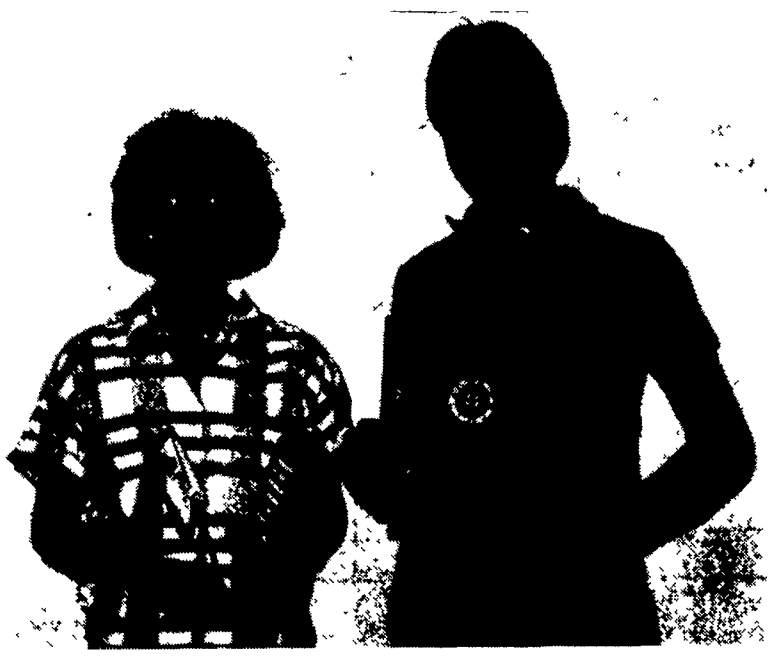
"Chicken is less frequently a source of salmonellosis than other meats because chicken is not eaten raw or even rare," he said.

The National Broiler Council, which represents over 85 percent of the nation's chicken producers, has published a new pamphlet called "Questions and Answers About Chicken and Food Safety." It notes that salmonella is easily destroyed at temperatures of 140°F. Standard cooking temperatures recommended by the United States Department of Agriculture for doneness are 180°F. for bone-in and 160°F. for boneless chicken.

Careful handling of raw poultry is also important, the pamphlet states.

The National Broiler Council also said to thaw chicken in the refrigerator or microwave, not on countertops; keep cooked poultry hot or refrigerated, never at room temperature for more than two hours; reheat leftovers before eating; carry chicken to picnics in insulated containers or ice chests; and don't put cooked meat on a platter that carried raw meat.

Adams Co. 4-H'ers Attend Training



Adams County 4-H'ers Lori Weaver of the Heidlersburg 4-H Club and Andrew Meckley, Abbottstown 4-H Club, received special 4-H items for having all their club officers attend a recent officer's training.

Approximately 75 club presidents, vice presidents, secretaries, treasurer's, newsreporters and song and game leaders learned more about their duties in their particular office at 4-H Officers Training.

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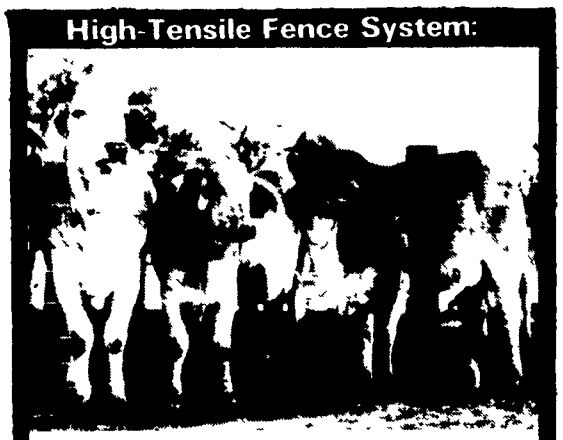

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1 - Farm Equipment
2 - Farm Equipment Wanted
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4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
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10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
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36 - Real Estate

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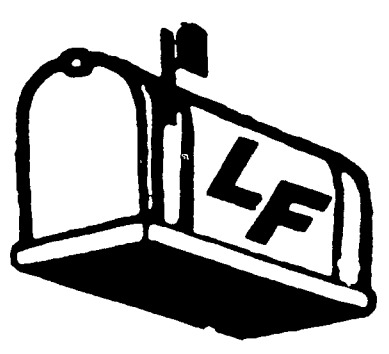

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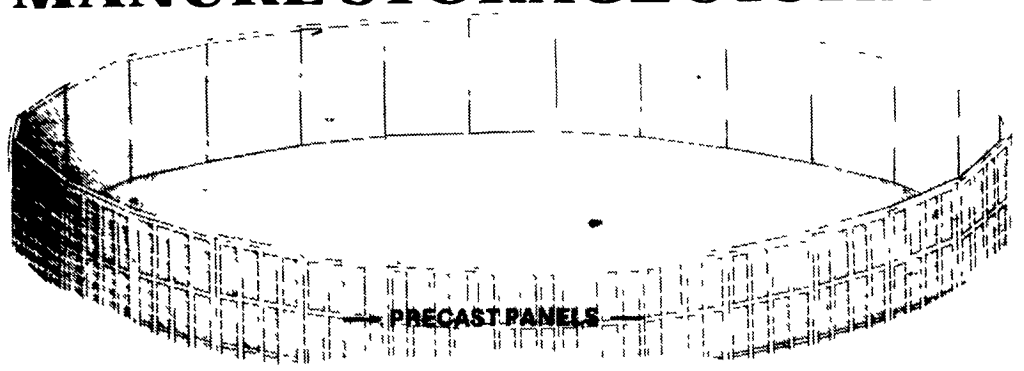

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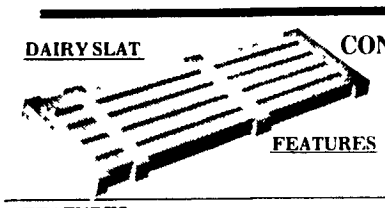

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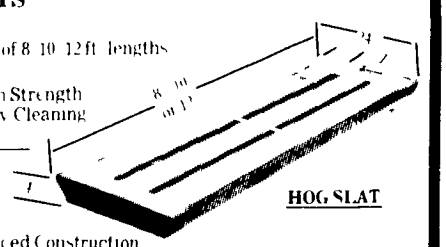

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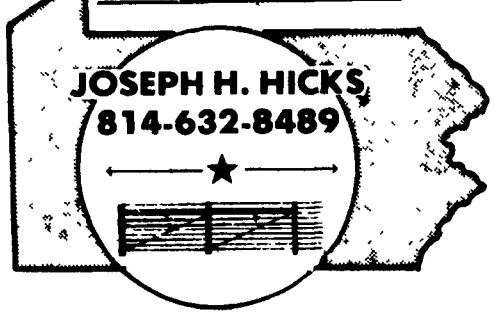
7 LIVESTOCK EQUIPMENT

CENTRAL HIGH-TENSILE



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#1. Servicing Central Penna.
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Feeding Molasses Gives Your Cattle A Better Appetite And Smoother Finish

Use Liquid or Dry Molasses Products In Your Feed Formulation For Animals

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SOYBEAN OIL FOR ANIMALS
55 Gal. Drums or Bulk

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Over 50 Years Of Service

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

SHORTHORNS: Purebred and registered, yearling heifers and bulls, gentle and growthy, Alpha Kappa Farm, Womelsdorf, PA. 215-589-4432.

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

WANTED: Registered Holstein heifers, bred or open. 717-367-2536

WATTS LOGAN SPRING ANGUS: Cows with calves, yearling heifers and bulls. Reasonable prices. Health and registration certificates. Call, write for information, Box 10, Bellwood, PA 16617. 814-742-7476 or 742-8118.

Wanted: Bred & Open vaccinated Holstein heifers. 717-295-3137 or 717-394-5573.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

Want to purchase herd of approximately 60 cows from a free stall operation. 215-863-4767.

WILL BOARD HEIFERS, $1.00/day. Lancaster Co. 717-653-8703

Wisconsin and Canadian Dairy Cows For Sale: 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Yearling Ned Boy Son. Dam 27,950, 1010 Fat. Grand Dam 31,010, 1107 Fat. 3rd Dam 25,760, 4.0%, 1023 Fat. 717-285-7426.

Yearling Angus: four bulls and 14 heifers 400-500 lb. from Registered herd. For feeders or breeders. 717-866-4926 or 717-392-2311.

Purebred Simmental bulls with papers. Very reasonably priced. Call anytime, 814-623-2232. Weekends call 814-733-4705.

REGISTERED CHAROLAIS BULLS
Yearlings & 2 year olds. Also, open & bred heifers. SOUTH MOUNTAIN FARM, McKnightstown, PA, 717-334-1022.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

SANTA GERTRUDIS bull, 2 yr. old, halter broken, gentle. Improve your herd with easy calving and growthier calves. Call 717-334-9216 or 717-334-5684.

For Sale: Holstein heifers, vaccinated, due to freshen around 10th of May. 717-263-9091

For Sale: Herd of 8 Black Angus Bred Cows. 301-343-0802

For Sale: Registered Jersey calves & heifers, all ages. 215-845-2575 or 215-754-7706

For Sale: Registered holstein bull. Sire Tradition. Dam Bell 3-02 305 days 19693M 37 butter fat 734 fat. $600. York Co. 717-862-3741.

For Sale: Small Dairy Herd, 14 cows. Dairyman retiring. Also MF 165 diesel tractor. Pair of tractor tires 18x4x34, 6 ply. 717-253-3091

For Sale: Service Age Registered Holstein Bulls out of popular sires, from Dams 25,000M & up. Shelmar-Acres. 717-653-5663

Have room & feed to board 20 head cattle. Contact: Amos E. Beiler, RD2, Box 165B, Milton, Pa. 17847.

Holstein quality grade calves, heifers and cows. All home raised and AI bred. DHIA 21,126. Six heifers due May through early June. Dams 17,500 to 25,000. $1,000 each. 301-663-3711 or Herdsman 301-829-1896.

23 certified & dehorned high grade Holsteins, average 19,612M, 611 fat, in all stages of lactation. 10 just fresh or springing grade heifers, dehorned & calfhood vaccinated. Wayne Co. 717-729-7877

40 head of registered Holsteins. 19 cows, 12 bred heifers and 9 younger cattle. Adams Co. 717-359-5384 evenings after 8:00.

4 Ayrshire Bred Heifers, due between now & July. 717-354-8745.

4 Reg. Jersey heifers, 3 fresh, 1-6 3-9 3-15, excellent producers. One due 6/21. Tioga Co. 717-537-2227.

5 Registered Holstein open heifers for sale. 215-445-5495.

6 Close Springing Guernsey heifers, $700. 301-833-1847

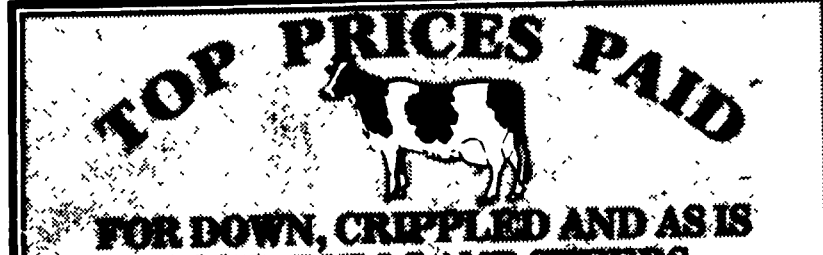
ANGUS BULLS, Registered, Service Age, Reasonable. ROSEBROOK FARM. 301-432-8870. Leave Message.

Angus/Chianina 2 yr. old breeding bull, near Lancaster, PA. 717-872-2436.

ANGUS CATTLE
For Sale
Top yearling bulls and heifers, 2 yr. old bulls & pairs. Top pedigrees represented.
Eberly Angus
814-355-7884
Eves.

PUREBRED CHAROLAIS HERD DISPERSAL SALE
19 COWS
Also
4 SIMMENTAL BULLS
GANGLOFF BROTHERS
New Ringgold, Pa.
Phone 717-943-2425

I WANT YOUR HEIFERS
Holstein vaccinated heifers.
Breeding age to springing
Charles Zerwick
717-656-8157
Eves.



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All Paid On Dressed Weight

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Livestock Trucking
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IN PENNA:
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BRED & OPEN HOLSTEIN HEIFERS WANTED

For our new operation. No sale barn cattle. We will pay trucking & testing. No commission deducted.
Contact: **Piedmont Inc.**
P.O. Box 441
Joppa, MD 21085
301-335-3881
Between 9 a.m. & 5 p.m.

Wanted To Buy
Registered Holstein Heifers, any age.

Write to **Abraham S. King**
139A Colonial Rd.
Gordonville, PA 17529
or call 717-354-4375

Four Registered Holstein Heifers

* Fresh 3/18/87, 67.5 lb. milk per day
  Dam: 20,151 milk
* Fresh 2/20/87, 78.5 lb. milk per day
  Dam: 23,105 milk
* Due 4/29/87 - Dam: 26,020 milk
* Due 5/24/87 - Extra nice -
  Dam: 24,531 milk

Free delivery to Lancaster or of equal distance if all taken.
$1,250 each

703-788-9481

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8 CATTLE

Attention Cattle Feeders! I have listings of feeder cattle fresh off farms they were raised on. Contact Denzil Heishman, 703-465-5785.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

FEEDER CATTLE: Nine steers, nine heifers. 717-324-2841.

FOR SALE: Fresh heifers and cows. Registered and grade. Good quality, top production. Some outstanding pedigrees. 717-866-4286.

Holstein heifer calves, $90. each. 301-371-6981

Laurel Ridge Farms, Polled Herefords. Bulls, cow calf, heifers. Visitors welcome. 717-689-2158.

LIMOUSIN BULLS. Yearling, purebred and 87% and some polled. Performance records available. Richard McDonald, Shippensburg, 717-532-4298.

One Simmental bull, excellent growth, 12 months old. Registerable. 301-334-9170.

Purebred Holstein Bull for use in your herd for his keep. Chester Co 215-932-9762

FOR SALE: One Registered and two Grade holstein bred heifers due in May and June. Top quality dairy animals. Priced at $3,000 for all three. 215-932-4194 or 215-932-5274.

FOR SALE: Two registered Jersey heifers, one 8 months old, one 7 months old. Ideal for 4-H or FFA. 717-865-5957 anytime.

FOR SALE: Thirty Angus heifers, yearlings, vaccinated, wormed and almost ready to breed. Priced $400 to $600 each. Jake Tanis, Augusta, New Jersey, 201-383-5712.

For Rent: Registered Holstein Bull Sired by Tony. Dunwood Farms, 717-529-2950.

For Sale: 16 Cows, first and second calf, 9 registered, 5 bred heifers. Wayne, 717-689-9731.

For Sale: 20 Registered Jersey cows, and 10 Holstein cows, mostly due in fall. Bradford Co 717-673-5893

For Sale: 5 or 6 Registered cows, milk records 20,000 to 26,000 lbs. Sired by SWD Valiant, Bova, Bell & Mars Tony Henry U Stoltzfus, Jr 215-273-2120

For Sale By Owner: 70 large grade Holstein heifers. Vaccinated, Lepto, IBR, BVD. Due June thru September. New York 914-373-9671.

For Sale: Close Springing Reg. Guernsey Heifer, $700. After 7 p.m., 703-777-4539.

8 CATTLE

DOWN COW & HORSE REMOVAL
for dog food
Monday thru Saturday
Free Pickup
Call Wayne Taylor
717-866-6289 or
215-286-9400
Lebanon, Berks, Lancaster & Chester Co.

SALUNGA ACRES
Reg. Polled Herefords For Sale
Reg. Cows, Heifers & Bulls
ATTENTION
COMMERCIAL BREEDERS
One 3 yr. old Bull,
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- Many Yearling Bulls -
We're registered - We're polled
We're good for cross breeding
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R.D. 3, Box 616 Mt. Joy, 17552
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Acredited & performance tested herd

Noland Freeze Guard Water Jug
For Cattle, Dairy Stock, Horses
- All weather waterer
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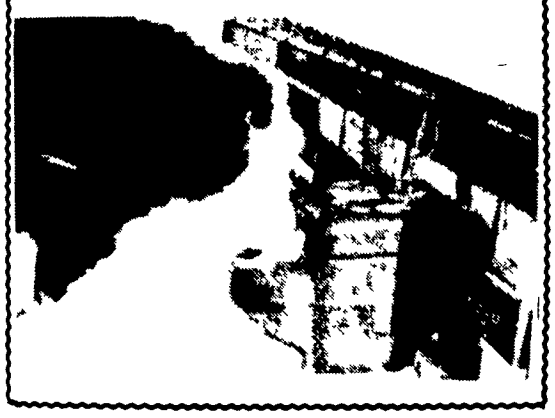

COZY COWMATS and HAPPY MOOMATS
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Call Collect
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Registered Holstein Heifers, Springers, Short Bred and Open Good Pedigrees.
DANIEL ALBRIGHT
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Smooth Polled Purebred Charolais Yearling Heifers & Bulls. Ready for service this Spring.
$750 each
Excellent growth, easy calving. No assistance in delivery for the past 8 years. Health certified herd. Out of a Son of Constructor.
717-742-4805
Evenings

9 HORSES AND MULES

For Sale: Standardbred horses, some ready for trip, some off track, big; also saddlebreds. Lanc. Co. 215-267-3695.

For Sale: Young, Belgian work horse, well broke; Standardbred trotter, broke & sound. 717-354-9370

Miniature Jenney donkey wanted. Must be under 35" and over 2 years old. Call 301-875-0118.

Miniature donkey, Jenny for sale. One year old. Parents on premises. $500. Bucks Co. Call 215-795-2269 after 5pm.

Ponies For Sale. Phone 717-768-8080.

Registered Arabians, yearling filly, yearling colt, Egyptian breeding, show quality. 215-926-5538 evenings.

Registered Bay Arabian Filly, 3 yrs. old, being trained, excellent bloodlines. Registered Arabian Yearling Filly, by "ABHA NADIR". 215-536-6899

Registered American saddlebred brood mare, 17 hands, chestnut, 12 years old, five gated $3,000. 301-272-2208.

Ride with pride this spring on a Tennessee Walker. A gentle pleasure horse. Have quality horses broke for trails, versatility & plantation or show. Yearling & colts also for sale. We trade, breed and train. 717-359-9237.

Tennessee Walkers, Geldings & Mares. Outstanding 16 hand Sorrel Plantation Walker. 16 hand Palomino Gelding. 13.2 hand Spotted Walking Pony. Queen's Black Allen at Stud, Big, Black & Beautiful. 215-267-7311 after 9 p.m.

WANTED: Team of horses for wagon rides Must be gentle, well broke, sound. Prefer over 5 years old. Lanc. Co. 717-442-4259

2 Purebred Belgian mares, (1) three, (1) four yrs. old, (1) 17H, (1) 18H. Call 215-766-8787

FOR SALE
Three year old Registered Belgian Stallion Grandson of M.V.F. Rodney. 18 hands, broke to work, sure breeder, pasture broke
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American Saddlebred Stud Service. Breed your mares to a proven sire.
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Christ M. Stoltzfus
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TENNESSEE WALKING HORSES
PRIDE & JOY ACRES

PLEASURE SHOW
WEANLINGS

STANDING: A SUPREME COMMANDER OUT OF THREAT'S SUPREME A and TRIPLE THREAT
We are dedicated to the breeding, training & showing of PLANTATION horses. Our philosophy is to breed, raise and train the best.
Pride & Joy Acres
381 Stokes Road
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609-268-1491
Grady Palmer - Trainer

10 SHEEP AND GOATS

Two flocks Registered Suffolk and registered Merinos with lambs. Also cross breed wool flock with black ram. Feeders, medicine, equipment also for sale. Call evenings, 215-274-8184.

WANTED: Small registered flock. Would prefer Dorset, will consider others. 717-527-4551

SHORT NOTICE - PUBLIC SALE
SHEEP DISPERSAL SALE
WOLGEMUTH BROS., INC.
SATURDAY, MAY 23, 1987
At 10:00 A.M.
Rain or Shine
2,000 Plus SHEEP
Breeding Stock / Feeders
See Page D-40 For more details.
Located: Ephrata Area.
WOLGEMUTH BROS., INC.
PO Box 26
Rheems, PA 17570
CONTACT: Bruce R. Limpert
717-367-1195

10 SHEEP AND GOATS

40 Selected Ewe Lambs from large commercial flock. Priced Reasonably. Also some good Hampshire Suffolk Ewes w/ records. Longeneckers, Lanc. Co. 717-653-5675

African Pygmy goats, NPGA registered or unregistered or pets. Four 3 month old bucks. One 2 year old doe. Punxsutawney, PA, 412-286-9401.

Finn/Dorset ewe and first lamb, (6 mos.); Cornell bred; $195 for pair; few others available. 607-589-4578.

FOR SALE: Quality purebred Suffolk ram lambs and yearlings. Priced to sell. Lauden Acres 717-758-8542 or 717-758-6284.

Four quality Hampshire rams $175 up. H. Showalter. 717-859-1094. Akron.

Hampshire & Shropshire Rams for sale: Yearlings & 2 Aged Shropshire Rams, priced reasonable. 215-682-4009.

Registered Columbia yearling ram. Call 717-676-4353 after 5:00pm.

Hampshire Breeding Stock For Sale
Ram and Ewe Lambs
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Proven stud ram

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NEW YORK STATE SHEEP SHOW & SALE
Livestock Pavilion, Cornell University, Ithaca, N.Y.
SHOW- **FRIDAY, MAY 22nd**
SALE - 10 AM
SATURDAY, MAY 23rd
Following breeds will sell: Merino, Suffolk, Horned Dorset, Columbia, Cheviot, Dorset Hampshire, Shropshire, Targie, Tunis Corriedale, Southdown, Oxford, Rambouillot and Montdale.
For more information and sale catalog write
W. Keith Stumbo
Box 121, Honeoye, NY 14471
or call 716-367-2775

GREAT LAKES RAMBOUILLET ASSOCIATION and EASTERN COLUMBIA ASSOCIATION
SHOW & SALE
RAMS and EWES
FAIRGROUNDS - LIMA, OHIO
SATURDAY, MAY 23, 1987
SHOW 8:00 A.M. SALE 2:00 P.M.
Rambouillets 72 Head Columbia 42 Head
GENE MARR
772 39th
Allegan, Michigan, 49010
Phone (616) 673-8800
JOAN HESS, SECRETARY
4499 Gray Road
Cable, Ohio 43009
Phone (513) 789-3438

11 SWINE

If you have swine to sell or buy - check our swine column. It is read weekly by thousands 717-394-3047 or 717-626-1164

For Sale: Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, R1, Box 221, Strasburg, PA 17579 717-786-2562.

ARNOLD'S HOG FARM
BOARS FOR SALE

DUROCS by "TRUCK" 150D/230#, 2.46 FE, .72 BF, 5.46 Loin. "RUDOLPH" 150D/230#, .78 BF, 6.13 Loin. Very aggressive, ready for heavy service.

HAMPSHIRES by "ROCKY BRIAN", aggressive, ready for heavy service. Approx. weight 325 lbs.

YORKSHIRES by "DUKE" Top indexing Boar Ohio test. 135D/230#, 2.54 ADG, .65 BF, 6.00 Loin, 2.37 FE. "MARK" Top indexing Boar PA state test. 150D/230#, 2.25 gain, 6.15 Loin, .66 BF, 2.48 FE. This is an exceptional group of 29 Boars, ready for May-June service. Top 3rd of these Boars weighed 260 to 275 lbs. at 176 days of age.

CROSSBRED OPEN GILTS approx. 75 head. Ready to breed & younger. Yorkshire X Landrace. Duroc X Landrace. Duroc X Yorkshire.

48th Hog Sale, June 20, 1987

Yorkshires-Landrace
Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Hampshire-Durocs
Lawrence Arnold
R.D. 1, Box 309
Womelsdorf, PA 19567
717-933-8153

11 SWINE

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

For Sale: 2 York X Berk Boars, service age, $175 each. 717-949-3323 evenings.

For Sale: Bred gilts due May 20. Call Manheim, 717-665-5772.

For Sale: Hampshire & Berkshire Boars. Will Deliver. Todd & Terry Bennecoff, 215-285-6582.

Purebred Yorkshire and Chester White boars, open gilts and bred gilts. Pseudorabies and Brucellosis free herd. Delivery available. 717-987-3273 or 987-3272.

Quality Yorkshire & Hampshire Service Age Boars. Also, open gilts. Validated herd. Delivery available. John Strawbridge, 717-246-2732.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

Yorkshire boars, sound, aggressive. Call Mark Rehman, 717-993-2450, Stewartstown, PA.

Yorkshire Service Boars & Gilts. Will Deliver. Stern Yorkshires, RD2, Box 366, East Berlin, Pa. 17316. 717-292-4634

12 ARTIFICIAL BREEDING

CUSTOM SEMEN COLLECTING
On Your Farm,
Volume Discount
10%
Satisfaction Guaranteed
BETTER LIFE RESEARCH, INC.
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11 SWINE

HOLLOWAY DUROCS
Quality Boars & Gilts
At Reasonable Prices
Validated Herd
Delivery Available
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DUROC YORKSHIRE
Boars & Gilts
Noland Freeze Guards
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LEMMON FARM
RD 1, Newburg, Pa. 17240
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11 SWINE

Chester White, Spotted & Duroc Boars & Gilts for sale. Will deliver. James Parlett, RD2, Airville, PA 17302. 717-862-3610.

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, PA. 717-658-6544.

QUALITY FARM FRESH FEEDER PIGS
Direct from PA Farms
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FARM FRESH QUALITY FEEDER PIGS FOR SALE
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DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
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WILSON YORKSHIRES
Yorkshire - Duroc - Large White
Yorkshire Large White Cross
Concentrating on health, soundness and productivity. 21 day weights, back fat, days to 230.
Sow productivity program PRV #42 BD#130
Boars starting at $250
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LANDRACE Boars & Gilts
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★ **LANDRACE SIRED BY**
AED3 F Karlstorp 1-4
2.54 Adg .66 BF 6.00 LEA 226 F/G
DNN5 Solomon 8-8
2.36 Adg .81 BF 5.51 LEA 214 F/G
CR5 AL 127-8
2.43 Adg .79 BF 5.10 LEA
★ Scan Data On Boars
★ Sow SPI
★ Validated Herd (PRV, Brucellosis)
Kent Strock
717-697-2824

13 HOG EQUIPMENT AND SUPPLIES

SWINE & POULTRY BUILDINGS AND EQUIPMENT
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410 E. Lincoln Ave., Myerstown, PA 17067
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SWINE & POULTRY SYSTEMS SPECIALISTS
BEST IN DESIGN PRICE AND EXPERIENCE

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.
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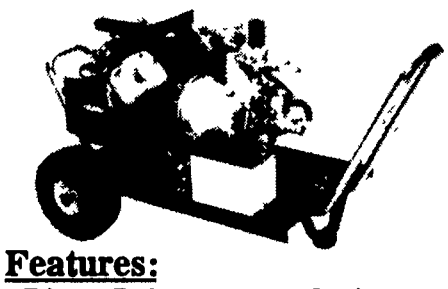
PHONE 717-274-3488 LEBANON PA.
SALES SERVICE QUALITY INSTALLATION
CONFINEMENT SYSTEMS, INC.

AQUA BLAST VERSATILE High Pressure Sprayers **SUPER MINI**
5 G.P.M. at 3,000 P.S.I.



Features:
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- Variable Pressure From 500 To 3,000 P.S.I.
- Adjustable Spray Pattern From 0° To 70°

Many Other Models Available

DEAN SNOOK
RD 3, Box 84 Mifflinburg, PA 17844
(717) 966-2736

Concrete hog slats in stock, 4, 5, 6, 8, 10, 12 ft. ready for shipment. Self spacing made individually. Priced at $2. to $2.20 per sq. ft. V. T. Petersheim, R2, Box 315, Mifflintown, PA 17059.

Used 10, 12 and 14 hole hog finishing feeders, some in like new condition. 717-244-7361 after 6PM

14 POULTRY AND SUPPLIES

Baby Chicks: Hubbard Comets, White Mountains, Cornish Giants, DeKalb, Sexsal, Leghorns, Turkeys, White or Bronze Broadbreasted, Ringneck Pheasants, Books, Supplies, Hatching Eggs. CASE HATCHERY, 335-L, Brodbecks, PA 17329. 717-235-2050.

FOR SALE: Big Dutchman chain. Broiler feeders, two units. One complete. After 7PM, 717-733-4449.

For Sale: Goslings, White Embden & Gray Toulouse. 717-733-2648

For Sale: If you have any need for chicken wire fencing, 1x2 welded wire, I am offering a tremendous savings. 3' 1x2 14 gauge, 100' rolls at $44.76; 4' 1x2 14 gauge, 100' rolls at $57.27; 6' 1x2 14 gauge, 100' rolls at $85.66. Contact Dana Irving. 215-869-9505 or 215-869-3007.

PEA FOWL, healthy, 9 months old, $150. pair. 717-397-2211

Ringneck Pheasants, eggs, chicks, started hatching every Saturday. Order Now. B&B Pheasantry. 201-735-6501.

Seymour farm packer #70, used 5 yrs, good condition. Come See It Work. 717-375-2866

Used 7½ ton verticle feed mixer w/7½ hp single phase motor, good condition. 717-225-4185. Martin Turkey Farm, RD6, York, PA.

Used plastic chicken coops for sale, $2 per coop. 717-865-2136.

WANTED: Tumbler pigeons. Call after 8 p.m 717-569-3934

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
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Saturday Evening

June 20, 1987 7:00 P.M.

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Lebanon Fairgrounds, Lebanon, Pa.

Auctioneer - Harry Bachman
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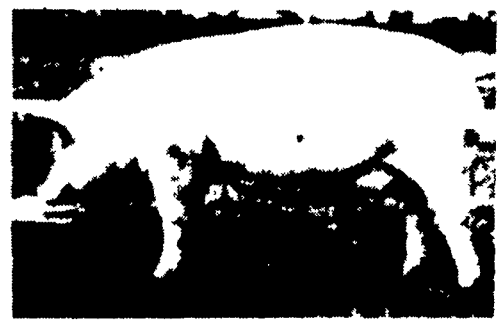
85 BRED GILTS
Handmated - due June 25 thru mid August. Mostly sired by & carrying service to top test station boars. 20 Duroc, 5 Hampshire, 35 Yorkshire & 25 Crossbred. Bred for purebred and crossbred litters. Yorkshire Gilts carrying service to "SMITHSONIAN", champion boar National boar test.



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40 BOARS Durocs by "TRUCK". Four sons Pa. State Test 150D/230#, 2.46 FE, 1.95 ADG, .72 BF, 5.46 Loin, index 113. Sold $544. "RUDOLPH" 150D/230#, .78BF, 6.13 Loin, "EXTRA". Yorkshires by "DUKE" $1300 Top indexing boar out of top indexing pen Ohio Test. Index 154, 135D/230#, 2.54 ADG, .65 BF, 6.00 Loin, 2.37 FE. (His sons are very popular.) "MARK" Top Indexing Boar Penn State Test, Index 134, 150D/230# 2.25 ADG, 6.15 Loin, .66 BF, 2.48 FE "KEYSTONE" Pa. State Test, $725, 2.23 ADG, 151D/230#, 2.59FE, .79 BF, 5.75 Loin, 125 index. "RUFF". Hampshires by "ROCKY BRIAN."

40 OPEN GILTS Purebred & Crossbred.

All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.

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49th Hog Sale
August 15, 1987

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___ Muncy-Chief XA776	110-115	65.00	63.00	62 00
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BRADFORD'S HOOF TRIMMING. 301-378-4603 or 301-838-5105.

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Riding Instruction: Dressage. At your barn, your horse. 717-665-4550.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

TRENCHING: Specializing in tile drainage. 8" wide trench. D.K. Homm Trenching, 215-562-5186.

WANTED: Return loads for drop deck trailer from Lancaster and surrounding area to Finger Lakes and Central New York. Also dump trailer and van available. Frank Bloom, Dundee, NY, 607-243-8448 or 607-243-8400.

Would paint & glaze windows at my place. Amos C. Fisher, 3870 E. Newport Rd., 1½ miles east of Intercourse.

Will do trucking with tractor and trailer or with pick-up with gooseneck trailer, of farm machinery or almost anything.
Phone
717-933-4616

DEAD FARMERS
Can't Enjoy Vacations. Call The Professionals At Farm Sitter Service, Inc. and Get Away Now While You Can Still Enjoy Life. For Brochure and References, Contact:
FARM SITTER SERVICE
Box 17 Fabius, NY 13063
(315) 683 5628

Cash Buyer of Standing Timber
Guy Sexton
Logging and Timber Management
1148 Pilgrims Pathway
R D #2
Peach Bottom, PA 17563
(717) 548-3422 or (717) 548-3428

GROWERS AND FARM STANDS
IT'S TIME TO START LOOKING AT YOUR PACKAGING NEEDS
BAGS, BOXES AND SUPPLIES
We have bags and boxes that will give your produce the "FRESH" look. We carry Vexar mesh bags for onions, peppers, potatoes and apples - All Sizes and Colors.
POLY BAGS - PAPER POTATO BAGS - All Sizes Strawberry boxes - trays - pints and quarts
Rubber bands, wire ties, twine, etc. Also bags for grain - ice - coal - sand When it comes to packaging we're your #1 Source for Everything.
Over 60 Years of Continuous Service
WASSERMAN BAG CO., INC.
70 Commerce Place
Hicksville, New York 11801
Call Charlie or Rich Collect
516-681-5900
OVER 60 YEARS OF CONTINUOUS SERVICE

CUSTOM BAGGING
bags 8'x100' or 8'x150'
Galen Good
717-949-2215

CUSTOM ROUND BALING
With 849 NH Baler
717-786-8944

NO TILL & MINIMUM TILL CORN & SOYBEAN PLANTING
Jeff Frey 717-464-5131

Hay Mowing For Rye & Hay
Custom Harvesting, Ryelage & Haylage
Corn Planting 6 RN
Liquid Manure Hauling.
717-464-3162
717-464-0257
Call Anytime

CUSTOM AG SERVICE
Ag Bagging and Round Baling
using a motorized bagger. No tractor needed. Using a 9 mil bag, white outside, black inside. This bag has a 3-year warranty. 9'x135'

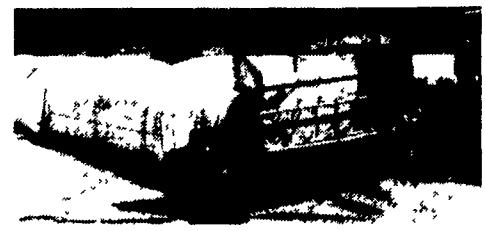
by a NH 855 baler size 5½'x5½' bale
Have truck with rollback bed.
Will travel to your farm Lancaster County and surrounding areas.
Leroy Zimmerman
RD #2, Box 148, Ephrata, PA 17522
717-859-3869

Swartzendruber Motor Shop
Electric Motor Sales and Repair
Quality Repair Work
We Stock Dayton Farm Motors
on Route 104, 3 miles south of Mt. Pleasant Mills.
717-539-8670

C & D High Pressure Washing & Disinfecting
We Do Farm Buildings Of All Types
* Poultry * Veal * Hog * Dairy * Etc.

No Job To Big Or Too Small
For BEST SCHEDULING Call 2-3 Weeks Ahead
We're Looking Forward To Your Business
Call Today - Don't Delay
Lititz, PA **717-627-0055**

AG-BAG EQUIP.
Custom Bagging Rye & Hay Silage & Round Bale Bags
Dealer: Larry Eckert
PH: 717 (626) 7596
Free Feed Test - Free Tape
Two Bags or More Better Price
Ag-Bag Compacts more feed per ton than others. Do not be misled, others claim to have a bag of equal quality. Our bag formulation has yet to be duplicated. Ag-Bag Corporation closely monitors the manufacturing process and specially prepared resin formulas necessary in producing lasting and durable Ag-Bags. Competitive bags show that nitrogenous gases have escaped from other bags leaving it a yellow color. Proving they do not have airtight feed storage bag to give you true sealed storage, like the Ag-Bag bags offer.



ATTENTION
Homeowners — Contractors — Farmers
RENT A SKID LOADER TO
Spread Top Soil - Level Stone - Haul Fill
Dig Post Holes - Haul Manure -
Landscape - Backhoe
Also for rent: Pressure Washers & Generators
STOLTZFUS RENTALS
SKID LOADER RENTALS
Call For Directions — Delivery Available
215-273-9884
215-273-3376 — No Sunday Rentals
Located on White School House Rd.
Honey Brook, Pa.

22 CUSTOM WORK

Custom Bagging
with motorized machine
Haylage, Silage
Harry E. Will
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CUSTOM BAGGING
with 8' machine
Bags 8x100 or 8x150
Stoltzfus Custom Bagging
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CUSTOM ROUND BALING
w/John Deere 530 round baler.
Variable bale sizes.
Reasonable prices.
Will travel.
Nevin Kegerreis
Lititz, PA
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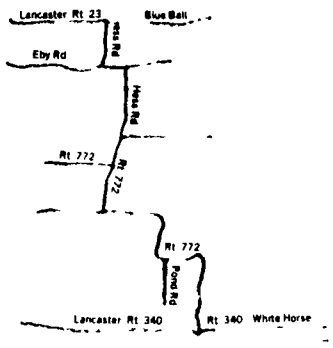
CHARVIN FARM
Is Available For Custom Bagging
Full Time
Schedule Your Bag Today!
717-665-7471

1667 SHUCKS RD
BEL AIR MD 21014
301-734-7959
Custom Bagging
Using Poly Farm 3 Ply Bonded Tri-X Bags. We Have New & Used Bagging Machine For Sale. Also Silage Bags To Fit All Machines

Furniture: Stripping, Refinishing, and Caining
Wooden Mailboxes with Wooden Roofs, Frame Windows and Doors.
Color Available
Blue - Green - Charcoal Brown - Chestnut - Brown - Red - Beige
Antique Gold - Avocado
Match your house with paint and trim color.



Benj S. Stoltzfus
344 Hess Rd., Leola, PA 17540

CUSTOM BAGGING FOR HAY & RYE
8'x100' or 8'x150'
Elmer J. King
RD1
Gap, PA 17527
717-768-7005

Using a 5,500 gal. unit equipped w/4 tooth auto. reset plowdown.

2200 flotation unit for wet ground.

CUSTOM AG SERVICE
Pumping & Injecting Liquid Manure
(Can load w/vacuum or by using lagoon pump)
717-859-3869
RD 2, Ephrata, PA

22 CUSTOM WORK

CUSTOM BAGGING

Agri-Pak- Strictly Power Take Off. No hydraulics. Schedule as soon as possible!

John S. Auker
717-933-5224

Custom Work Available in your area for Bale Wrapping at lower and better prices than buying hay bags.

Call for prices and operator in your area.

717-949-6511
or
717-949-3329

23 HELP WANTED

Immediate opening for full-time swine person. Large, modern hog operation in Lititz, PA. Sincere person who wants to learn old phase of hog operation. Experience is not necessary. 717-627-2850 or 627-2787.

In need of one energetic person. Must drive truck and make feeds. Good benefits. $20,000-$25,000 per year. Located in Lancaster Co. Resume confidential. Send resume to Lancaster Farming, P.O. Box 366, K-145, Lititz, PA 17543.

NOW HIRING! Experienced mason tenders for residential developments. Good wages and benefits. 717-687-0660 or 442-4895.

Person w/management ability to work on dairy farm. Good housing, wages & benefits. References required. 301-271-2268

ROSE GROWER: Steady, full-time greenhouse work growing roses as cut flowers. Agricultural, landscape or nursery experience helpful. Company provides benefits and is located near Willow Grove, PA, in eastern Montgomery county. Contact Dave Zieger, Days 215-659-0375; eves. 215-659-7383.

Sell animal health supplies. Great income potential. Call Rich, 717-653-2380.

SUMMER EMPLOYMENT: Pea combine operators for the 1987 harvest season. Please call 717-637-8585 between 8 and 5.

Sub contractors needed to erect pole buildings. In PA, NJ, NY, MD & DE. Immediate & steady work. 717-354-9593

Help wanted for general farm work on Baltimore Co Dairy Farm. 301-239-7912

Help wanted full time position on large dairy farm. Carousel milking parlor and general farm work. Lehigh Co. 215-395-3271

Owner needs family to operate farm located in Northeastern PA. Nice home on property to live in. Guaranteed income. Must be experienced and hard working. Write to: J.E. Morgan Enterprises, Box 120C, RD1, Andreas, PA 18211.

Amish person needed to help Christian man with light landscaping and mowing. Will pickup in Lancaster, Lampeter, or Willow Street area. Write to: Box 140, RD1, Millersville, PA 17551 or call 717-872-0755.

Dependable, experienced farmer, preferably married, knowledgeable about farm machinery & crop cultivation. Unfurnished house provided. References if possible. Write: P.O. Box 348, Princeton, NJ. 08540.

Due to business growth, mechanical & general maintenance person needed fulltime for nursery, shrubbery & Christmas Tree grower. Should be able to run small dump & tractor. Other general work, trimming, etc. in busy season. Excellent opportunity for right person. Call 215-777-1947

Experienced roofing & siding applicators needed. Good pay & benefits. Call 717-392-3180

Experienced person (or married couple) for dairy and general farm work. Apartment, utilities, wages, and more. (Would also consider rental). No smokers. For information call after 7 p.m., 215-346-7754 or 346-7925.

Experienced person to work on dairy farm, house & utilities furnished. Fredericksburg, VA area. 703-752-4551.

FARM MANAGER: Work in all phases of farm operation. Work emphasis mainly in livestock, more specifically swine. B.S. degree in agriculture. Experience with livestock. Liberal holiday schedule. Send resume: Dr. Kenneth W. Bell, Delaware State College, Department of Ag and Natural Resources, 1200 North Dupont Highway, Dover, DE 19901. EOW.

Farm help for a veal operation, good job opportunity for an ambitious person. Housing, good pay & hospitalization provided. Harleysville area. For details call 215-256-9740.

FEDERAL, STATE & CIVIL SERVICE JOBS $16,707 to $59,148/Year, Now Hiring. CALL JOB LINE 1-518-459-3611 Ext. F6145 for into. 24HR.

General farm help, mostly field work & maintenance. Experiences & references required. Housing & salary negotiable. 201-439-2143 or 201-439-2074

HELP WANTED full-time for dairy farm in Franklin County. Free stall parlor operation. Milking and field work. 215-863-4767.

HELP WANTED ON DAIRY FARM: Male or female work day or night. Jefferson, MD. 301-371-6898.

Versatile self motivated person needed for general maintenance, mechanical, and truck driving. Class III license. Full time employment w/benefits. Reist Seed Co., Box 155, Mt. Joy, Pa. 17552. 717-653-8078

Wanted: Either experienced or willing to learn persons for local aluminum siding business. 717-626-6788.

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc
717-266-5611

Wanted: Responsible, sensitive person to care for 12 year old handicapped boy, June 22 thru Aug. 7. 626-1813 after 6:30pm.

Hammer Mill Operator Needed
Must have a farm background, some mechanical ability, and be self motivated. Job offers steady year around work, paid holidays & vacation. Please Call
717-687-7574

WANTED
Full time person with farm background capable of taking charge of Christmas tree farm. Large stone home included. Northern Lancaster Co. Write to:
Lancaster Farming
PO Box 366-A-131
Lititz, PA 17543

Farm Equipment Appraisers needed. Are you familiar with Farm Equipment values? If you are, you may be qualified to become a Certified Farm Equipment Appraiser.
Call
208-734-7570
American Society of Farm Equipment Appraisers
P.O. Box 186
Twin Falls, Idaho 83303

HELP WANTED
Full or part-time person to work in feed mill. Farm experience helpful - driver's license not a necessity - apply in person.
Earl R. Weaver Feed Mill
673 Churchtown Rd.
Honey Brook, Pa. 19344
Phone
215-273-3958

HELP WANTED
to work in modern poultry complex. Experience preferred, but not needed. Full time work. All inquiries confidential.
Apply at
Esbenshade Farms
Between 8 a.m. & 4:30 p.m.
Monday thru Friday
717-653-8061
For additional information.

Person with experience operating large field equipment. Job involves planting, harvesting of crops & general farm work revolving around a large dairy herd. Hours per week vary with the season of the year. Sundays off. Benefits. Could assist in finding local housing. Call, ask questions, then stop by and apply.
FREY DAIRY FARMS, INC.
Turkey Hill,
Lancaster Co.
717-872-6071
days, ask for Tom

Wanted: Full or part time salespersons for retail meat & cheese with benefits. S. Clyde Weaver, 717-569-0812.

HELP WANTED FOR ROOFING
Dependable & conscientious workers needed for shingle application. Excellent benefit package.
Sam Smucker & Sons Inc.
2133 Rockvale Rd.
Lancaster, PA 17602
717-392-3369

Full-time, experienced herds person needed on large, modern Lancaster County dairy farm. Excellent benefits, housing.
215-267-7070
after 6 PM

DHIA Supervisor for Northern Chester County
215-857-9888

Individual to assist on parts counter, shipping, receiving & occasional deliveries. Must have Class III drivers license and get along well with people. Rapid promotion, good pay & benefits are available for qualified individual. Send work history & references to
Lancaster Farming
PO Box 366-R-106
Lititz, PA 17543

HATCHERY MANAGER
Large & growing company looking for hatchery manager in Northeast. Please respond with a resume to:
Lancaster Farming
PO Box 366-K-144
Lititz, PA 17543

Owner needs family to operate farm located in northeastern PA. Nice home on property to live in. Guaranteed income. Must be experienced and hard working.
Write to:
J.E. Morgan Enterprises
RD #1, Box 120C
Andreas, PA 18211

Large Eastern Pennsylvania Farm
needs 2 good field employees. Homes available. Blue Cross/Blue Shield, major medical, 5 paid holidays, paid vacation and retirement program. Wages based on experience, ability and willingness to work. Call for an interview:
Willow Brook Company
Call daily 8:00 am - 12 noon
215-264-9642

Full Time Feed Truck Driver
2nd shift, full benefits, must have Class III license.
Elizabethtown/Mt. Joy area.
Hershey Ag Service
RD 1, Box 139
Marietta, PA 17547
717-653-8783
between 7:30 & 4:30 Monday thru Friday

Immediate job opening on Dairy & Potato Farm, 50% field, 25% barn, 25% shopwork. Must have farm work experience, mechanical abilities a plus. Manheim area. 717-665-4189.

WORKING FARMER/HORSEMAN
for small thoroughbred broodmare farm in Maryland. Excellent situation with new house.
P.O. Box 68
Butler, MD 21023
301-771-4580
before 6:00 PM

WANTED
Full time person with farm background to take charge of Christmas tree farm. Large stone home included. Northern Lancaster Co. Write to:
Lancaster Farming
PO Box 366-A-131
Lititz, PA 17543

Dependable, experienced help needed on 80 cow Registered Dairy Herd.
Maplebound Farm
Donald M. Hostetter
RD 2, Box 502
Parkesburg, PA 19365
Call 215-857-9648

Housekeeping Couple
Lady for general housework. Gentleman handyman to maintain grounds, should have some landscaping knowledge. Experience & references necessary. Modern living quarters, good salary. Send replies to
Lancaster Farming
PO Box 366-A-120
Lititz, PA 17543

DAIRY ROUTE SALES
Agri-business is seeking an aggressive salesperson for on-farm route sales of dairy supplies and animal health products.
Position serves western and northern Lancaster County. Knowledge of dairy farming and prior sales experience required. Excellent compensation and benefit program.
Send resume to:
Lancaster Farming
P.O. Box 366, K-143
Lititz, PA 17543

WANTED
Summer helpers and salespeople. Students, boys, girls, other part-time helpers. Also crew leaders and supervisors for field work. Detasseling and corn breeding. These people can be teachers, college students and other part-time or retired professors or others. Also opportunity for sales work and dealerships.
Send letter of information, resume if available and recent picture of yourself to:
Muncy Chief Hybrids, Inc.
Market and High Streets
Muncy, PA 17756

DAIRY FEED SALES
Lancaster County feed dealer and mill is looking for a Farm Consultant to call on local dairy farmers. Must have good working knowledge of dairy farming. Sales experience preferred, but not required. Self starter a must.
Call 717-291-9229
between 7:00-10:00 p.m.

HELP WANTED
To Construct Swine And Poultry Buildings. Employees Needed For Carpenter Work And Equipment Installation At FARMER BOY AG, INC., Myerstown, PA. Company Benefits Include: Excellent Pay, Health Ins., Vacation Pay And Profit Sharing.
Apply At
410 E. Lincoln Ave., Myerstown
Between 7 AM And 5 PM

23 HELP WANTED

HERDSPERSON WANTED

Person capable of taking care of complete cow-calf operation and do general farming in northern Virginia. Only non-drinkers need apply.

703-668-6253

HELP WANTED

In Morgantown Area Manufacturing Shop

Some woodwork experience helpful, but not necessary. Full-time, part-time and evening positions available. Apply in person at Riehl's Lawn Furniture or call

215-286-5189

TERRITORY SALESPERSONS SEED/ AGRONOMICS

We're expanding into new markets and looking for individuals with experience in the seed business. As one of the nations leading seed companies, we need full or part-time Territory Salespersons for our innovative marketing-/agronomic programs.

We offer excellent earnings potential, limited only by your own ambitions. You'll have the opportunity to earn attractive bonuses and incentives for outstanding sales performance.

If you'd like more information, call Sandy Smith, Toll-Free 1-800-348-2742.

If you like success, let's talk about your joining our growing sales team!

HOG & POULTRY EQUIPMENT INSTALLERS NEEDED

We are seeking mature steady individuals with strong construction or electrical experience. Farm background is helpful.

TRI-COUNTY

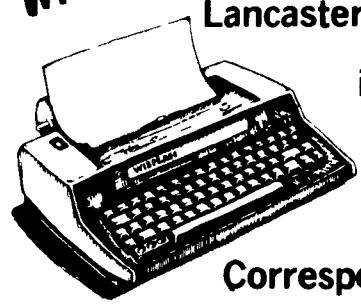
PHONE 717-274-3488

LEBANON PA.

SALES SERVICE QUALITY INSTALLATION

CONFINEMENT SYSTEMS, INC.

WRITERS!



Lancaster Farming is looking for a Staff Correspondent in

Bradford County

We would like to expand our staff with writers who know farming and can take pictures. We pay excellent rates for top-quality writers.

SEND SEVERAL WRITING SAMPLES AND A RESUME TO

Everett Newswanger, Managing Editor
Lancaster Farming
P.O. Box 366-F.L.
Lititz, PA 17543

Lancaster Farming

HELP WANTED

Full time position available for individual with mechanical abilities and working knowledge of farm equipment. Duties include demonstrating and servicing farm equipment. Individual will need a Class III driver's license for hauling equipment.

Apply in person between 8:00 a.m. and 5:00 p.m. Monday through Friday or send resume to:

HAMILTON EQUIPMENT, INC.
567 South Reading Road (Route 272), Ephrata, PA 17522

National Seed Company Producing Proven Field Corn, Sorghums, Soybeans & Alfalfas Seeking Self-Starting Individuals To Expand Growing Territory. Good Commissions Offered. May Work Well With Your Present Position.

— For More Information, Write: —

LANCASTER FARMING
P.O. Box 366, K-142
Lititz, PA 17543

NOW HIRING!!

TRUSS FABRICATORS first, second and third shifts.

PREFABRICATED WALL ASSEMBLERS first and second shifts.

MILLWORKERS / CABINET-MAKERS, FORKLIFT OPERATORS.

Company paid benefits.

Apply:

H.M. Stauffer & Sons, Inc.
33 Glenola Drive
Leola, PA 17540

717-656-2811

EOE-M/F

Those with applications on file need not reapply.

TERRITORY MANAGER

Beacon Feeds has a career sales opportunity in Territory Management available. Territory consists of Southeastern PA. Primary duties are to market feeds through dealers and to direct accounts. Qualified candidates should have:

* Practical dairy experience
or
* Agricultural Sales Experience

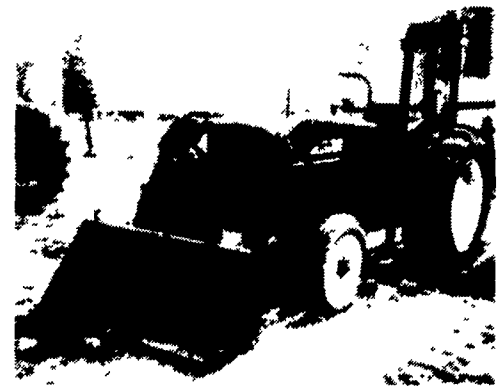
This position offers opportunity for growth, a competitive salary and benefits package. Please submit resume and salary history in confidence to:

Scott Hodgson
Beacon Feeds
P.O. Box 1467
York, PA 17405

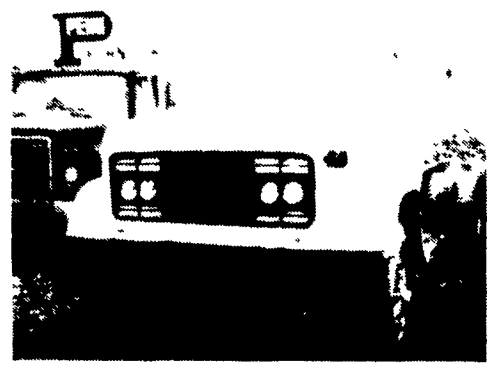
Equal Opportunity Employer

35 TRUCKS AND TRAILERS

D75S Komatsu Crawler Loader Powershift, Pedal Steer
$15,500



International 414 Tractor with Front Loader & Rear mounted Fork Lift
$4,500



1980 Chevy Tandem Cab & Chassis 3208 Cat (Needs Work) 5x4 Trans.
$3,500

Army 6x6 6 Cyl. Gas, Tandem Axle
$1,000

1974 White Road Boss 318 Detroit, 13 Speed, 38 Rears, 10.00-20 tires, 170" Wheel base
$3,500

Curry Supply Co.

CURRYVILLE, PENNSYLVANIA 16631
PHONE (814) 793-2829
(814) 793-4481

24 SITUATIONS WANTED

Husband & wife would like to rent or operate a broiler or turkey growing operation. 27 Years experience with poultry. 717-252-2092.

Married couple and sons seeking farm position. Dependable, willing to work, references. First choice York or Adams Co. Will consider Lancaster or other. 717-225-4379.

25 BUSINESS OPPORTUNITIES

NEED EXTRA MONEY?

And don't want to be tied down to a full time job?

This is your opportunity

Phone
(717) 626-1151

26 HOUSEHOLD

Corner bathtub, lavatories and toilet. $50 or best offer. 215-458-8448.

Painter and Ewing upright grand piano and stool. $150/best offer. 215-458-8448.

27 PETS

AKC St. Bernard puppies, reasonably priced. Breeder, 814-276-3157.

Black and white purebred border collies born Mar. 23, 1987. 50. 215-286-5974.

Catahoula dogs and pups for sale. 215-493-4900.

Registered Australian Shepherd puppies, excellent working/herding dogs and companions. Reds, Blacks, Blues. Nichols, NY. 607-699-3775

AKC Puppies Wanted

Will Pick Up

215-932-3110

PUPS WANTED

AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.

201-295-2442
Daily

201-899-5868
Early Morning
Call Collect

215-350-5249
Thursday Only

P.S. We buy pups 52 weeks a year.

27 PETS

Registered Australian Cattle Dogs, Queensland Blue Heelers, pups ready now. Perry Co. 717-567-6039 after 6p.m.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

WANTED Puppies For Pets

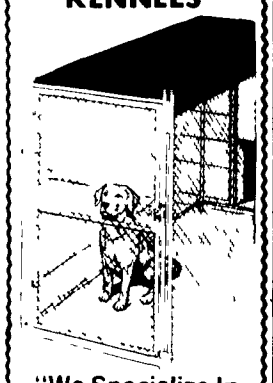
AKC, Purebred, Mixed Litters.

Stud service for most breeds

Transportation provided

Forest Ridge Kennel
296 S Vintage Road
Paradise, PA 17562
717-442-4259

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R D #1 - Box 428
New Holland, Pa 17557
717/354-9760

PUPS WANTED By Jo Jo The Dog Man
$ Top Dollar Paid

There will be a
$25
prize for the cutest pup purchased on May 19th.
The winner of the $25 prize for the cutest pup purchased on May 12th is Marvin Weaver, Jr., Lititz, PA.

I'll be buying pups at Root's Farm Market, Tues., May 19th from 5:00-8:00 PM

I need 125 pups on Tuesday, May 19th.
Pups wanted in litter lots only to 8 weeks old. No adult dogs handled.

Root's Farm Market is located exactly 10 miles south of the PA turnpike exit #20, 3 miles south of Manheim, PA off Rt. 72

Any questions??? call:
JoJo The Dog Man
7 Am - 9 AM For best results
Phone
609-452-8903

$ $ $ $ $ $ $ $
MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid
Call
Charlie Hackett
mornings.
1-215-681-5236
$ $ $ $ $ $ $ $

32 MISCELLANEOUS

TOBACCO DUST is available at: Center Square Harness Shop, Center Square Rd., Bird-In-Hand; Miller's Health Foods, Montery Rd., Bird-In-Hand; Enos Beiler, Edisonville Rd., Strasburg; Paul Fisher, S. Queen Rd., Gordonville; Jonathan Smucker, Rt. 340, Kinzers; The Little Store, Vintage Rd., Christiana; Emanuel King, Coopers Drive, Kirkwood; Ivan Fisher, Loop Rd., Quarryville.

Used electronic equipment, all in good condition. Including television repair equipment. There are numerous pieces. For free list, please call 717-349-7717.

WOODWORKERS AND CONTRACTORS
For Quality Machinery, Good Service & Low Prices, Come To Conestoga Supply Co
4 Spindle single end tenoners, $2,995
20" Planers, (4 knives), $1,195
15" Planers, $645
12" Jointers, $1,595
8" Jointers, $525
6" Jointers, $260
20" Bandsaws, $1,095
18" Bandsaws, $595
14" Bandsaws, $250
1¼" Industrial Tilting Arbor Shapers, $1,395
1¼" Industrial Shapers, $995
¾" Shapers, $425
½" Shapers, $198
10" Industrial Table Saws, $695
12" Heavy Contractors Table Saws, $425
10" Heavy Contractors Table Saws, $299
12" Delta Radial Arm Saws, $999
10" Radial Arm Saws, $375
6x89 Edge Sanders, $425
6x48 Edge Sanders, $315
9x6x48 Belt & Disk Sanders, $189
5 HP 60 Gal. Air Compressors, $498
Full Line Makita Power Tools
Much More Available
CONESTOGA SUPPLY CO
New Holland, PA
Industrial & Home Shop Equipment & Supplies
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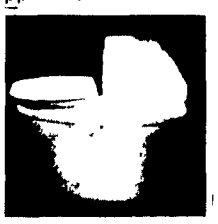

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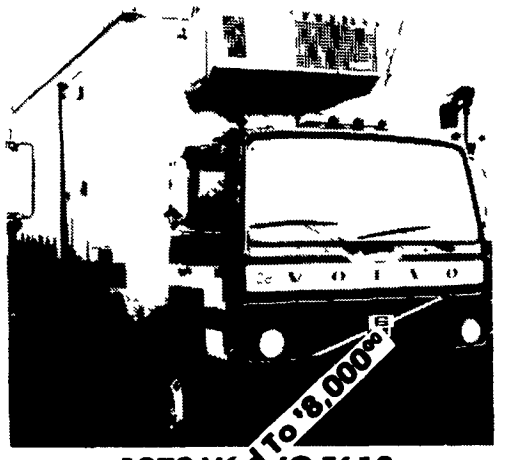

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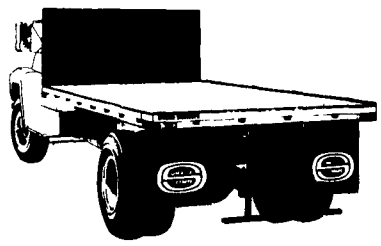

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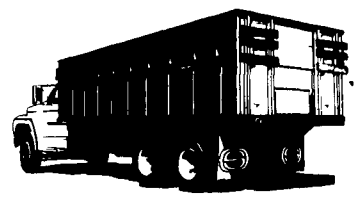

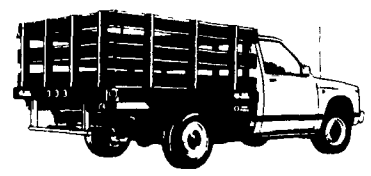

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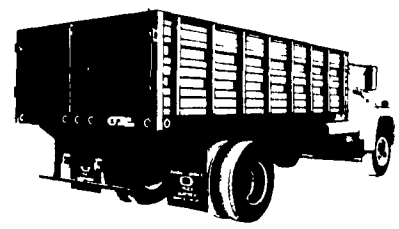

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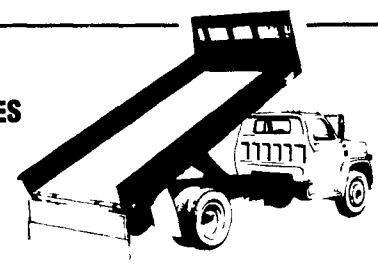

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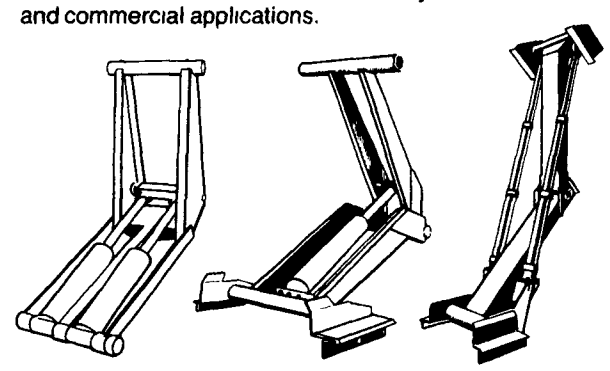

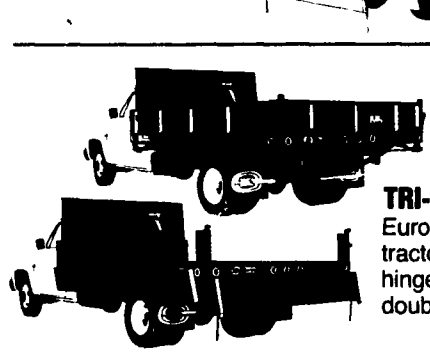

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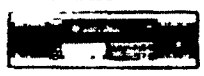

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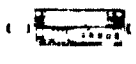

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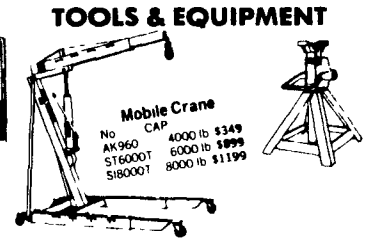

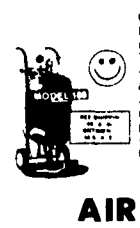

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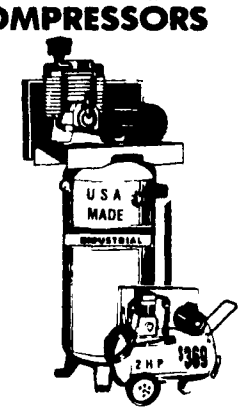

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1978 black Dodge crew cab pickup truck, ¾ ton with cap. Mifflin Co. 717-899-7971.

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1980 Ford Lareit, 4x4, 51,000 mi., mags, visor lights, A/C, cruise, deluxe cap, slide windows, 5th wheel, etc. S.S brds. New inspection, brakes, exhaust system, beautiful. J. Mooney, $6,995. 215-296-5098.

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1971 40 Ft. Fruhauff Reefer Trailer, Thermo King diesel.
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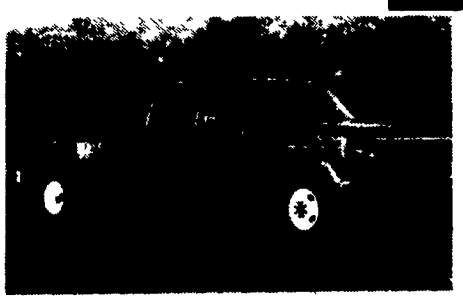

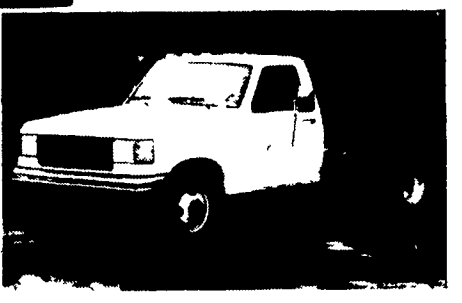

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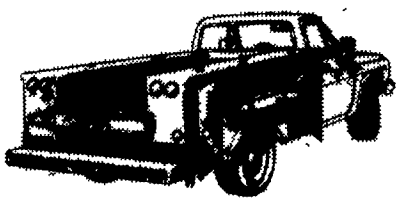

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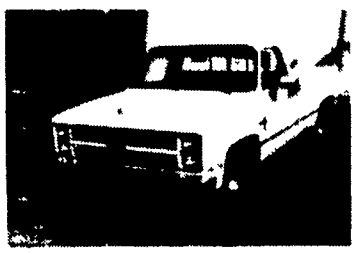

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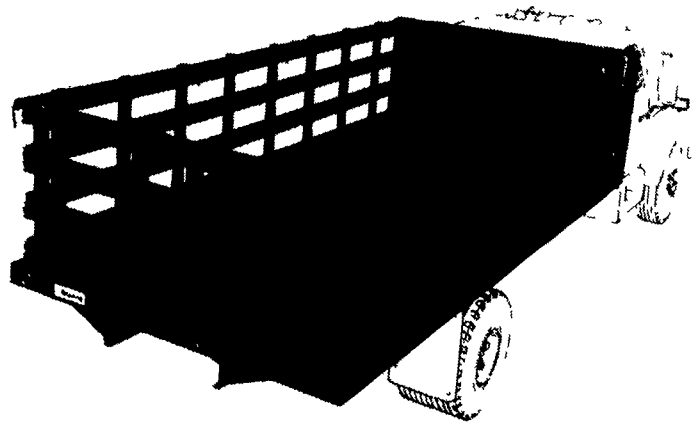

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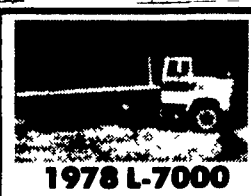
1976 Ford C8000, 3208 Cat diesel, 16' Parkhurst dump grain body, bow kit & fitted tarp, PS, air brakes; 1971 Ford L800, 391 gas, 5 spd. & 2 spd. rear, 14' Van body w/side door. Moyer & Son. 215-723-6001. Ask for John Freed.



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22 ft. Morgan van body, roll up rear door, side door, tuckaway lift gate, will separate. 68 IH tractor, CO4000, 238 DD, 5+2, farm tags. 2000 lb. tuckaway lift gate. Lanc. Co. 717-367-0321

6x6 GMC military truck, hydraulic driven Stoltzfus spreader, front mounted winch, 10 new tires. Spreader and truck in excellent condition. Best Offer. Chester Co. 215-827-7244.

16' Eby cattle body, wood sides, 9 yrs. old, parked under cover, excellent condition. Make Offer. 215-965-6363

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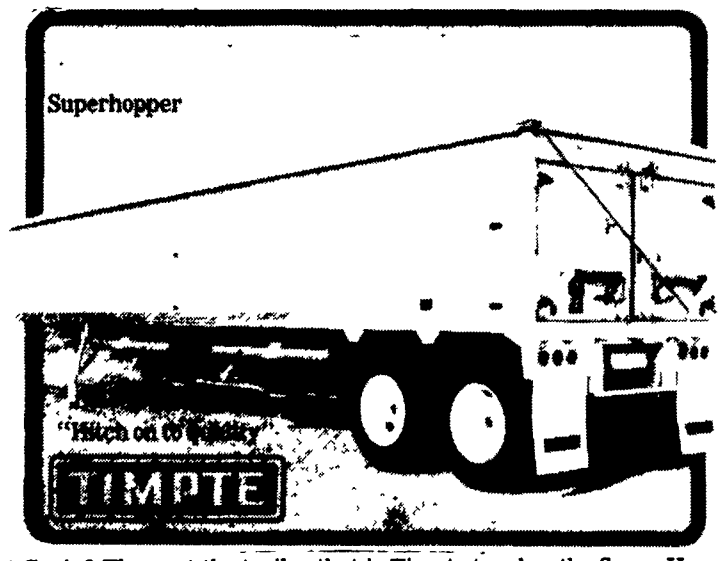

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New Timpte, 42'8"x65" Sides, Hopper Bottom In Stock

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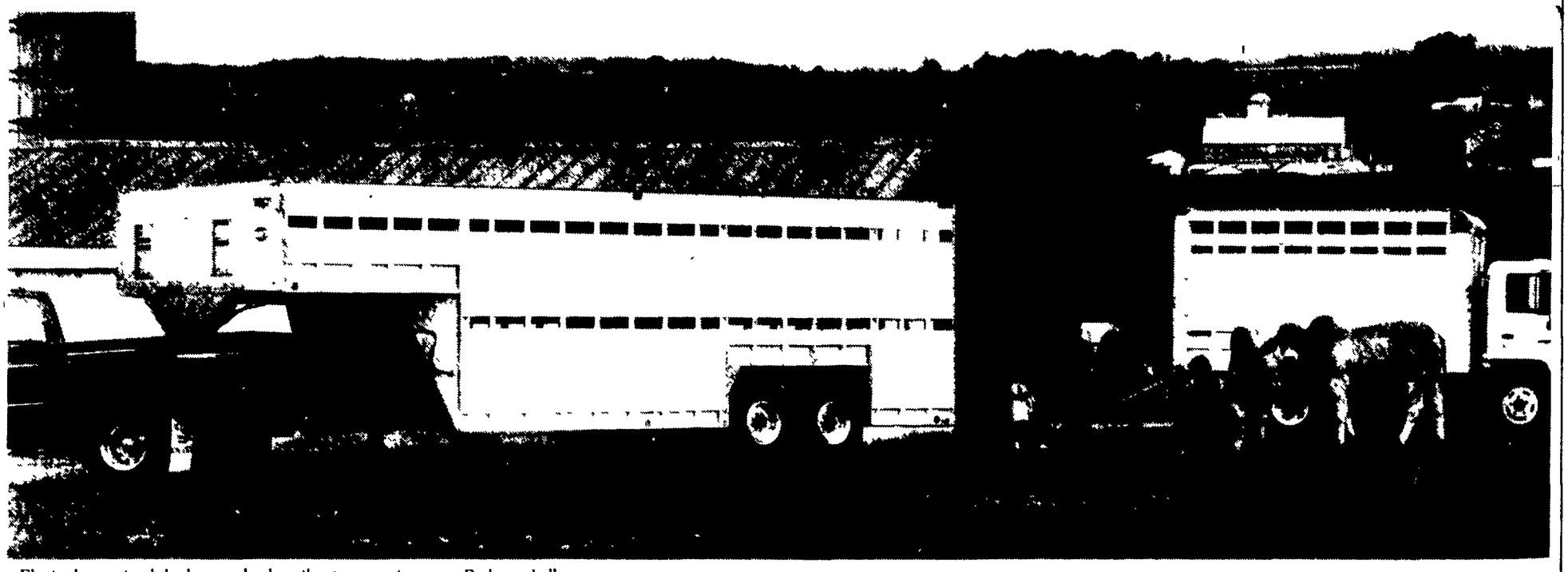

Eby trailers or truck bodies can haul anything you want — even Brahman bulls

Eby Gives You Choices

You can haul livestock in a trailer hooked to your pickup. Or on the other hand, you may prefer a truck and livestock body for its maneuverability.

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7532A	1986 Dodge Pickup, 6 cyl, AT	$8,995	$8,295
221A	1985 Dodge D50, 4x4, 4-speed,	$7,995	$6,995
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1974 Fruehauf 45x13'6", swinging doors, slider on 20s
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(3) Trailmobile 40' flats
1967 Kentucky 22' steel dump trailer

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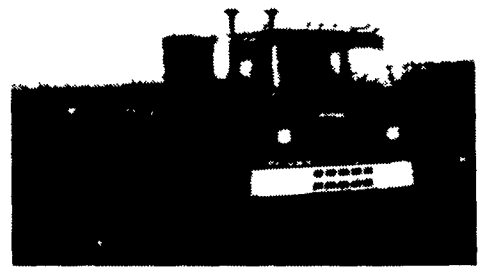

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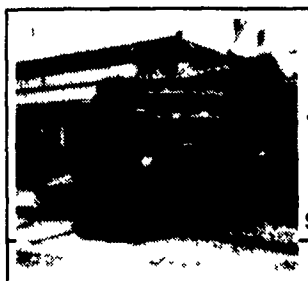

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$26,994.00 or 500.40 Per Mo.

ST 8438

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ISUZU TRUCKS

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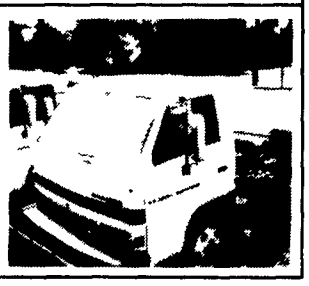

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For Sale. Tioga Co., NY working dairy farm, 2 houses, 1 new, 47 conventional barn, 2 silos, 100 acres tillable, 50 acres of forest & 25 acres pasture, more land available, good hunting, commuting distance to Cornell. 607-589-6668

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Seven miles southwest of Carlisle, Cumberland Co Large 2½ story, all brick, Federalist style farm house with 3 car and 6 car garage Also large stone and frame bank barn and outbuildings with long paved, circular driveway on 10½ acres $149,900 More acreage available Phone owner, 717-486 5089 or 717-528-8282

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36 REAL ESTATE

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113 Acre General Farm west of Womelsdorf along Rt 422 2½ story limestone dwelling, two family with modern conveniences, bank barn 36x80, 12x60 stave silo, double implement shed, corn crib, limestone soil, 95 acres tillable

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152 Acre dairy, 2½ story dwelling, 5 BRs, 1½ baths, central oil heat, 80 free stalls, milking parlor, 6 stall Herringbone, 2 bulk feed bins 600 gal bulk milk tank, garage & work shop, 100 acre tillable, 52 pasture w/stream, some wooded

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AMERICAN HERITAGE

NEAR ADIRONDACK PARK
80+ Acres w/1500 Ft. Frontage, ½ Wooded w/Stream. 1½ Miles to Boonville, N.Y. Asking $25,000
(717) 284-4446

NORTHERN POTTER COUNTY
50 Beautiful Acres
A great view, water and septic tank there. $25,000. Possible owner financing.
814-383-2631
717-726-3707

FOR SALE BY OWNER
167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.
717-222-4432

NORTHEAST PA
Montrose: 55 acres of choice farm land w/40 acres of Class 1 tillable soil, outstanding trout stream, nice home & valuable frontage on Rt 29 & a secondary rd $129,000
Forest Lake: 217 acres gently rolling upland farm, suitable for dairy beef, horses or subdivision $205,000
Arnolmont Realty
717-278-2047
or
215-827-7336

NEW YORK'S BEST

#699 — 700 acres, 485 tillable, well drained, high natural ph soils, great alfalfa and corn land. Recently new 200 stall Penn State type free stall, double nine parlor, 18 units, 3,000 gal. bulk tank, manure lagoon, bunker silo, other barns. This is a top farm. Good location. Large mortgage available if needed.

#663 — A real show place with exceptional setting, beautiful, new 2-story barn, 70 tie stalls, pipeline, 800 gal. bulk tank, 2 silos, mix mill, 2-story heifer barn, 65 stalls, 2 silos, 40x60 shop, modern large home. All buildings in excellent condition. Located at end of long driveway across bubbling trout brook. 450 acres, soil is well-drained top alfalfa and corn land. You won't see a nicer farm than this.! $280,000.

Posson Realty
Norwich, NY
607-334-9727

TIOGA COUNTY

Farmette on hardtop rd. frontage, 16+ acres, small shed, barn, 5 bdrm home, LR, DR, kit, fmly rm, utility rm, 6 miles from Wellsboro. $48,900 #890

3 bdrm mobile home on 16.5 acres, LR, DR, kit, 1½ baths, full bsmt, 18x20 garage, shed, 41x42 barn. Ideal spot for hobby farmer or country living. $36,900 #897

Beef and Hog Farm, 150+ acres, 2 barns, mobile home, ponds, hardtop road frontage. Call for details. #896

Operating Dairy Farm, 80 acres, 2 sty, 6 bdrm home, stocked pond, 111 tie stalls, pipeline, 3 silos, heifer facilities, outbldgs, Asking $145,000 #914

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

Walter B. Laubach, Sr. Realtor
R.D. #3 Box 381A
Danville, Pa. 17821
717-275-2491

FOR SALE

R.D. #3 Lewisburg, Union Co., Kelly Twp., 3 miles from Rte. 15, 8 miles from I-80 - 73 acre farm, large 9 room, brick (aluminum siding) farm house with 4 fireplaces (two restored), large barn, new pole shed, other outbuildings, large spring, plus free pressure water, stocked fishing stream through farm, 50 acres under cultivation, balance pasture and woodland. Farm house completely remodeled 12 years ago. Owner financing available. Selling due to health. $139,900

Call: 717-275-2491 Days
717-437-2227 Evenings & Weekends

BERKS COUNTY
TOP OF THE LINE HORSE FARM
43 acres m/l, 36 box stalls, indoor riding area, bank barn, hay barn, equipment shed, pond, fenced paddocks, 3 living units, A MUST TO SEE if interested in horses.

LEBANON COUNTY
BEAUTIFUL WORKING ORCHARD
31 acres m/l, with 6½ acres of fruit trees, 17 acres tillable, new 24x28 block garage--used to market fruit, bank barn, other outbuildings, 2½ story frame home, very nice kitchen made of cherry wood, very neat and tidy farm.

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

ROUTE SALESPERSON

Needed For Surge Dealership In Northern Berks County. Some Ag And Sales Background Preferred.

Call 215-488-1025 Or Send Resume To:

SHARTLESVILLE FARM SERVICE
RD 1, Box 1392
Hamburg, Pa. 19526

FOR SALE BY THE U.S. GOVERNMENT

The Farmers Home Administration has the following farm property for sale. 144 acres consisting 77 acres of tillable land (34 acres of vineyard), 7 acres gravel pit, 50 acres woods, farm pond, 1½ story frame house, Morton Building, 2 story barn with shed type additions, Cargill shed, and grain bin This farm is located at 2386 Havens Corners Rd , Penn Yan, NY Property may be inspected at an Open House to be held at the farm from 2 00 pm to 4 00 pm on May 18, 1987. Information concerning this property and bid forms are available at the Farmers Home Administration Office, 100 Elm St., Penn Yan, NY - telephone 315-536-4483 and at the Open House. Sealed bids will be accepted until 2 00 pm on May 21, 1987, at which time bids will be opened

Bid Deposits: All bids must be accompanied by a deposit of not less than 10% of the bid in the form of a cashiers check, certified check, postal or bank money order, or bank draft, payable to the Farmers Home Administration. Preference is given to cash offers Credit terms are available as described in the information sheet available at the Farmers Home Administration Office Successful purchasers will be required to implement the requirements of a conservation plan prepared by the Soil Conservation Service to protect highly erodible land or wetlands

This farm is also located in an archaeological sensitive area

The Government reserves the right to reject any and all bids. The property will be sold without regard to race, color, religion, sex, age, national origin, or marital status

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481 ACRE EMPIRE

Loads of woodland est 3 4 miles private roads small lake 2 residences, large equipment bldng plus private campsites for your guests Located just off I 81 Hegins exit Substantial hardroad frontage Wild game abounds good commercial potential Call Sterling for more info Offered at $375 000

ATTN. INVESTORS/BUILDERS

Just listed Subdivision in rapidly growing Southern Schuylkill County North of I 78 Lots 1 to over 2¼ acres Improvements include blacktop roads and underground utilities Fantastic view of beautiful rural countryside and large recreational lake Offered at $250 000 Call Sterling for additional info

144 ACRE AWARD WINNING DAIRY FARM

Super dairy farm Montour County near Danville Rich Limestone soils est 125 acres tillable 22 stanchions plus 72 cow free stall barn pumping stn set up heifer barn implement bldng /shop, 2 car garage 3 silos (2 20x72 1 12x50) 15 000 grain bin Pretty 4 bedroom home 400 amp service a farm for the serious dairy farmer

219 ACRE GENERAL FARM

Beautiful farm located north of I 80 near Danville Rich productive soils absolutely level fields Immaculate 4 bedroom home modern kit 1½ baths hdwd floors Huge bank barn reg barn 2 stry shed 2 car gar Bldngs est 500' off road home nestled in large beautiful lawn w/mature trees MUST BE SEEN!

95 ACRE GENTLEMAN'S ESTATE

Great house 4/5 bedrms, 2 full baths, fam rm w/cathedral ceiling and beautiful stone fireplace secluded setting large pond bank barn 2 car gar Super hunting, Near Pine Grove off I 81 Offered at $180 000

8 ACRE HORSE FARM LEHIGH COUNTY

Converted Barn, Ultra modern country kit 3 overside bedrms, fam rm w/free standing coal stove 2 spring fed ponds, 7½ mls Allentown 2 hrs George Washington Bridge Offered at $224 000

RANCH HOME RURAL COMMUNITY

Pretty 3 bedroom stone rancher, fam rm , det gar , pool, fenced yard, corner lot, great neighborhood, offered at $61,900

LAND

Yes we have land, both wooded and cleared in various sizes. Call for info

For more information on any of the above, call Associate Broker Sterling "Slim" Brossman, Res. 717-754-7343, or leave meassage office - 800-831-7244, Pennsylvania Farm Realty.

We are in need of farms, land and farmettes in Berks, Lehigh, and Lebanon County. If you're thinking of selling, call Sterling today.

PENNSYLVANIA FARM REALTY
719 W. Market St.
Pottsville, PA 17901

Mifflin County-Oliver Township

500 Acres of ridge land with a trout stream running thru the property. This land is contiguous with State Game Lands. This tract has recently been timbered, down to 14" diameter trees...Asking $600.00 per acre.

FIELDS REAL ESTATE
Call (717) 248-5451

COME TO LEWIS COUNTY N.Y. WHERE LAND PRICES ARE STILL FAIR AND WORK IS PLENTIFUL

130 acre dairy farm, bare good house L shaped barn 2 silos only $110,000.

19 acre Mini farm 10 room house, 36 by 70 foot barn, 10 minute drive to one half billion Military construction job, only $60,000.

167 acres investment land, long road frontage, sparling trout stream only $150.00 per acre.

200 acres plus woods, ash, cherry, maple, and poplar trees only $42,500.

For more information call or write
CZEPIEL REAL ESTATE
Box 351, Castorland, N.Y. 13620
Phone 315-346-1265

FARMS FOR SALE
Northern Iowa
Land Has Turned Around

240 acres, newer trilevel home, farrowing house, 19,000 bushel grain storage w/dryer, lots of concrete, 9j contract or cash.

400 acre grain farm, $150,000 home, 85,000 bushel grain storage, large machine shed with shop. Cash or contract.

320 acre dairy and hog w/milking parlor, 3 Harvestore silos, 74 free stalls, 2 good homes. Cash or contract.

254 acre livestock and grain, 2 homes, 4 Harvestore silos. Ideal cattle and hog farm. New 10,000 bushel drying bin. Cash or contract.

280 acre livestock and grain farm. Many improvements.

These are just a few of the farm I have for sale. All tiled and black soils.

Squier Real Estate
729 Main Street
Osage, Iowa 50461
515-732-5790 day or night

FARMHOUSE WITH ACREAGE - large 5 bedroom farmhouse with 97 acres, located in Turbot Township Parcel includes barn, pole barn, 2-car garage, and farmhouse Home includes a large family room, big kitchen, and 2 full baths Priced at $125,000

Campground located in Central Pennsylvania along the Susquehanna River 28 acres of land with 102 camping sites, 72 with full hookups 42 for year-round use AAA approved. Includes office, rest rooms, 1982 mobile home, and two 1-car garages Priced at $175,000 Owner will finance

Enjoy! Enjoy! Approx 88 ac in secluded mountains of Union County, PA Excellent for hunting, fish in Spruce Run Creek. Estab horse riding trails (or cross country ski) throughout the wooded property Horses can graze in open fields Borders Bald Eagle State Forest. Comfortable cottage (suitable for yr-round use), barn, picnic pavillion, in-ground swim. pool, 40x40 utility bldg , and well-kept mobile home for addn'l guests Priced at $150,000. Call for your private showing

Ol' McDonald would love this.. Modern three bedroom ranch home located on 82 ac. farm Excellent yield per acre. Some woodland, pasture and orchard. More than 60 ac tillable. Priced at $175,000. Located in E. Chilli Twp , Northumberland County.

LAWN MOWER REPAIR SHOP Small engine repair shop available. Inventory, equipment, and real estate are all available, separately or together Call for details.

The
COUP
AGENCY / REALTORS
49 Broadway, Milton. . 717-742-8736

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146 ACRE BEEF FARM

25 miles North of Allentown, Pa., Schuylkill Co., off Rt. 309, 9 room farmhouse, 36x83 block 2 story freestall barn, 225x105 freestall block & steel drive thru single store loafing barn w/attached feeding area from (2) 20x60 Harvestore silos, attached farm equipment sheding area, weigh station w/inground scale, stream, springs & pond. Capable of handling 300+ head of livestock. Good potential for investment or general farm. $275,000.

For more information call Doug Houser
HOMESTEAD REAL ESTATE CO.
Office **215-799-4711** Eves **215-799-2396**

We Need Farm Listings Throughout Central & Southern PA Counties.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Columbia County

90 acres, 70 tillable, large 5 bdr. home w/fireplace, L-shaped beef farm, machine shed & shop, small orchard, $89,000. Call Bob.

Potter County

193 acres, large 50 free stall dairy farm, home, level 70 tillable acres, 30 pasture. $79,000. Reduced For Quick Sale. Call Bob.

So. Northumberland Co. & Surrounding Counties-

82 acre farm near Milton, 3 bedroom ranch, zoned rural residential. 1 acre lots required. Beautiful view. Perfect for development. 76 tillable. $168,000. Call George.

No Down. 33 acres, 10 tillable, balance wooded against mountain $1,500/acre. Call Peter.

50 wooded acres, excellent deer hunting, $500 per acre. Call Bob.

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217
George Wolfgang, Sales Assoc., 717-648-3201

PENNA FARMS
FRANKLIN CO.

137 Acre Dairy Farm, 60 free stalls, 12 stall milking area in bank barn, pipeline milkers, bulk tank, manure pit, heifer barn, 36x48 implement buildings, silos, farm pond (excellent well near pond) 3 BR Cape Cod dwelling, road frontage

300 Acre Dairy double four Herr… parlor, free stall ba… …stone soil, never-f… spring, 6BR dwelling

UNDER AGREEMENT

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg , 40x96 Agway bldg , 40x80 pole bldg 3 BR frame & alum dwelling (needs repairs)

CUMBERLAND CO.

150 Acre Modern Dairy double six Herringbone parlor, 1,000 gal tnak, free stalls, silos, implement storage and steel I-beams in shop, stream and pond 5 BR dwelling and 3BR dwelling and mobile home All for one price OR farm can be purchased separately Call for more details

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding Fertile sandstone soil, 20 acres wooded w/timber, large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St , Carlisle, Pa
Ph (717) 243-6195

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14 MOUNTAIN AC, spring & pond, beautiful views & owner financing $10,000 (W222)

CAMP/RETREAT furnished 2 BR borders State Land, rafting/fishing/hunting/snowmobiling, 2 ac wooded site $28,500 (W232)

FARMETTE 10 gorgeous acres, views for miles, barn for animals, pond for swimming, 4 BR 2 cr rancher $74,900, OR 26 AC w/barn, older farmhouse, private setting $57,000 (W231,218)

RETIREMENT 4BR, 2 story, 2 car garage in country setting $32,500, OR, 2 story, 3 BR Wellsboro home w/fireplace & sunporch $49,900, low taxes & convenient location (W221,228)

TAVERN 13 rental rooms, 2 BR apt., 2 acres at head of Grand Canyon of PA. Recreation paradise Reduced $150,000. (W186)

FREE LISTS - CALL/WRITE
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/662-3287

BRICK MANSION Civil War Era, original history available 6 9 ac with more available One of a kind $61,000 (M154)

FARMETTE Rancher w/barn & pond, view for miles $35,000, OR, fantastic builders home on 8 wooded acres, pond, fireplace, 2 baths, Florida room, workshop etc, top of the line $98,500 (M152, 153)

FIX IT UP... not a bad home, bank repossession, 2.4 ac 15 year old rancher, that needs a little TLC, full basement, lots of potential, private setting $39.000 (M136)

200 ACRE FARM good farmhouse, pole barn, was a dairy but barn burned Now hay/beef/horses etc $130,000 (M1792)

FREE LISTS
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

RETIRE HERE Comfortable 2 bedroom home w/fireplace & 2 car garage Small village locale with country views Potter County $36,900 (D537)

AFFORDABLE almost fully remodeled home, acre lot, new siding, at edge of small town Super buy at $16,673 (D494)

REDO THIS 9 acre lot with old Victorian home, needs to be entirely redone on inside Good roof, drilled well Low taxes $14,800 (D493)

BORDERS STATE 5 acres w/older mobile, well & electric, just the spot for the hunter $10,000 (D529)

FARMETTE 4 bedroom home w/good siding & roof Interior needs some TLC Trout stream behind house Almost 7 acres Owner anxious to sell $33,500 (D535)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

LEHIGH COUNTY
Historic Gentleman's Farm

Beautiful 85 acre farm, ideal for horses, stone colonial farmhouse, ex. large bank barn, house and buildings are set back from main road. 16 acres fenced pasture, with stream, 2 ponds, picturesque location. This farm was the site of the 1756 famous indian raid on the George Seislauz family. Price: $245,000.

Free Brochure w/Photos Available Upon Request

new pennsylvania realty, inc.

Gary Coles, Farm Broker & Appraiser
717-386-5000 or 215-398-2559
Box 123 Route One New Ringgold, PA 17960

FOR SALE

15 acre Lancaster Co. Farmette, prime location, horse farm opportunities, old restored farmhouse available.

717-768-8528
Between 6 a.m. & 6:30 a.m.

READY TO GO

70 acre Amish farm, near Nine Points. Fixed for 35 cows. Will settle in fall w/full silo.

Robert T. Coates
Realtor
717-442-4134
or after hours
Jack at
717-354-9534

KEY

REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster

Motivated Seller on this 55 Acre Dairy Farm. New barn addition has 55 comfort stalls, gutter cleaner, 900 gal bulk tank, silos, large storage, nice 2½ story home plus a mobile home for your helper Additional land for sale or lease (L-5498-15)

717-632-6400

Southern Huntingdon Co. Farms

Germany Valley

2 adjoining farms, totaling 316 acres, approx. ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850. per acre

Near Three Springs

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Near Shirleysburg

65 acre farm w/large frame 2 story house, 50x76 barn, 16x50 concrete silo w/unloader, 60' concrete feed bunk, 2 wire corn cribs, milkhouse, bulk tank, spring fed pond $79,000

Colonial Real Estate Agency
814-447-5511

UPSTATE NEW YORK
BEAUTIFUL FINGER LAKES AREA

325 acres - 58 stanchion barn - extra barn - 2 houses - cattle and equipment.

184 acres - 50 tie stall barn, Harvestore silo, 8 room home.

310 acres - 50 stanchion barn, box stalls, 2 silos, level early ground, tiled, 2 houses. This could be your show place. Cattle and equipment.

We could put together 1200 acres within a 3 mile distance.

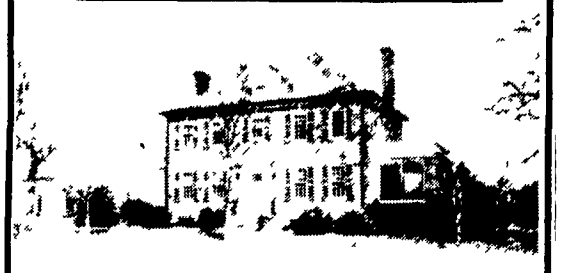
HISTORICAL LANDMARK - 15 room 3 story house plus full basement, hardwood floors, 4 baths, 4 fireplaces, 2 story barn, 8 beautiful acres with stream, quite secluded.

J.R. ALLEN, Broker
R#2 Dundee, N.Y. 14837
607-292-3180

VIRGINIA

Retirement The Way It Should Be
Low Real Estate Taxes,
Low Crime Rate
Clean Fresh Air And Streams

Come Home to Virginia
LUNENBURG COUNTY, VA. (Near Keysville)



This gentleman's estate of 245 acres includes a two story brick Georgian Home built in 1940 which is in excellent condition The home is graced with plaster walls, hardwood floors, slate roof, copper gutters, brass door fixtures, solid six panel doors, three chimneys plus many other amenities The gently rolling farmland consists of 100 acres in pastureland or cropland, the balance is in a mature state of hardwood and pine timber

Room List First level Entrance foyer, large living room with fireplace, formal dining room, family room kitchen, breakfast room utility room, ½ bath and screen porch

Second level - 4 Bedrooms, each with large closet space, 1 full bath Barns and machinery storage building

Being sold to settle estate Priced at $265,000 1986 Real Estate Taxes $1,174 00

LUNENBURG COUNTY, VA. (Near Keysville)

IF YOU HAVE EVER DREAMED OF OWNING A COUNTRY HOME AND FARM IN VIRGINIA YOU JUST FOUND THE PERFECT COMBINATION A completely remodeled country home (original structure built prior to 1900) Three bedrooms, living room, formal dining room, family room with fireplace, country kitchen, office, utility room, 1½ baths Pine flooring in each room except the dining room which is hardwood The home is presently in excellent condition and the owners have taken great pride in maintaining and restoring it in a professional manner Consisting of a total of 95 acres, with 60 acres open in pastureland or hayland, the balance is wooded Completely fenced and cross-fenced, plenty of water Pond and streams We feel this is an exceptional farm and home that warrants your immediate attention Priced at $149,500 1986 Real Estate Taxes Approx $500.

For Information

VAUGHAN REALTY
P.O. Box 1, Keysville, Va 23947
804/736-8014 (Located 75 miles south of Richmond, Va. on Rt. 360)
Intersection of Rt. 360 and Rt. 15

BEAUTIFUL FINGER LAKES AREA FARMS

STEUBEN CO. - Partnership operation available, 2 adjoining farms, total 170 ac , 105 ac til , 16 ac wooded, stream, barns, silo, 1-18 rm hse & 1-10 rm hse both with birdseye maple trim, both equipped for 2 family dwellings, unique opportunity, total price $154,600 buy one or both Call for additional info

FINGER LAKES FARM - 250 ac, 180 ac til, 60 ac forest, 32x140 - 52 cow tie barn, 70 free stall barn pipeline milkers, 2000 gal bulk tank, 2 silos, pit silo w/conc base, 2 story, 14 rm 6 bdrm hse garage, $200,000 Terms #2433

FARMETTE

CIRCA 1795 COLONIAL- 32x60 custom chestnut kit , lg din rm, 20x30 liv rm, hdwd flrs, stone f/p, foyer w/open cherry stairs, open chestnut stairs off kit, wood & oil heat, several porches to over look scenic view of valley & hills, 2 car garage, 40x80 3 story chestnut barn w/workshop, gas light pipes in barn, 8 ac, $59,900 #2500.

CORNING NEAR - 54 ac., 20 ac til , fenced pasture, forest, pond, 2 bdrm newer ranch home, equipped kit w/quality oak cabinets, 24x32 horse barn, $45,000 Terms. #2453

ACREAGE

WATKINS GLEN AREA - 41 ac , 14 ac lake, 2 ac pond stocked w/bass & bull heads, wild life refuge #2456

BRADFORD,NY NEAR - 35 ac woodland, 10,000 red pine & larch, bordering state land, $14,360 #2567

MAKITRA REAL ESTATE, INC
4 West Steuben St.
Bath, N.Y. 14810
607-776-2468
After Hours: (607) 776-2386

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

DAIRY FARM - 185 acres (133 tillable, 25 pasture, 27 woodland and site), 2½ story stone and brick house, free-stall barn with 82 stalls, double 4 milking parlor, 2 18' x 50' silos, 14'x35' silo, free-stall heifer barn, small stream, limestone ground Tyrone area $275,000

GENERAL FARM - 175 acres (140 tillable, 33 woodland, 2 site) of relatively productive ground, 2½-story house, bank barn Williamsburg area $139,500

DAIRY FARM - 188 acres (158 tillable, 18 pasture, 10 woodland, 2 site), sound 2 story house, bank barn with free stall attachment, 16' x 60' and 18' x 60' silos, bulk tank, pond, small stream, nice laying productive limestone ground Located in Sinking Valley $275 000

GENERAL FARM - 245 acres (171 tillable, 8 pasture 66 woodland and site area) sound 2-story brick house tenant house, 2-story bank barn (all steel and cement), productive land all continguous with buildings Tyrone area $277,500

CLINTON COUNTY

GENTLEMAN FARM - Approximately 47 acres (23 tillable, 22 pasture and woodland, 2 site acres) with a very well-built 1,800-square-foot ranch home with 2 car garage, tenant house, and bank barn Salona area $119 500

CENTRE COUNTY

PRODUCTIVE LAND - 128 acres (approximately 121 tillable), substantial frontage, no buildings, nice area Near Centre Hall, $179,500

LIMITED ACREAGE DAIRY FARM - 43.7 acres (17 tillable, balance pasture), 2-story stone and frame house, modern 36'x172' dairy barn with 60 tie stalls, milk house, pipeline, 800-gallon bulk tank, 20'x72' Star sealed silo with bottom unloader, 20'x70' silo with unloader Near Zion $94,500

FARMETTE - 47 acres (10 pasture and site area), pond, small orchard, classic 2½-story frame house, stone ice house, 2 barns, several outbuildings, beautiful setting Centre Hall $134,500

GENTLEMAN FARM - 85 acres (28 tillable, 55 woodland, 3 site and orchard), excellently remodeled 2½-story home with 4 bedrooms, a 40'x54' barn, small stream, private secluded setting Additional land available 10 miles from Bellefonte near Howard $140,000

FARMETTE - 17 acres (11 tillable, 5 pasture, 1 site), very nice well-maintained 2-bedroom brick ranch home, 36' bank barn, substantial frontage on Sinking Creek Easy access to State College Tusseyville area $89,500 SOLD

HUNTINGDON COUNTY

FARMETTE - 6½ acres with a well-maintained ranch home, excellent detached 2-car garage 20'x30' horse barn in good condition Approximately ½ of the land is wooded McConnelstown area $54 900

FARM - 119 acres (88 tillable limestone ground 18 pasture, balance woodland and site area), beautiful stone dwelling (1822), barn, outbuildings stone spring house and stream flowing through the meadow Warriors Mark (21 miles from State College) $162,500

DAIRY FARM - 338 acres (202 tillable 56 pasture and lowland 78 woodland) sound 2 story brick house bank barn with 37 tie stalls, free-stall barn with 51 stalls and bunk feeder, 20'x60' and 20'x50' silos, 15'x40' Grain-o matic silo for high moisture corn, farm shop heifer barn, 2 implement sheds, stream frontage pipeline and bulk tank, silo unloaders gutter cleaner Very well maintained $375,000 OWNER FINANCING

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable, 117 pasture 47 woodland, 2 site), 1-story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

RIVER BOTTOM LAND - 55 acres (45 6 tillable), frontage on old Route 22 substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

COUNTRY ESTATE - 160 acres (100 tillable), plenty of road frontage, beautiful 12-room brick home built in the 1800's, large barn, several outbuildings Located a few miles west of Muncy $295,000

LIVESTOCK AND HOG OR DAIRY FARM - 270 acres (165 level, very highly productive), good 2-story house, bank barn, 60'x120' cattle and hog barn (suitable for freestalls), 20'x60' Harvestore, 2 streams Near Lairdsville OWNER FINANCING $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house sound implement shed, workshop building, large bank barn with 25 stanchions, 3,500 bushel grain bin, substantial Susquehanna River frontage, Class I land 10% **OWNER FINANCING.** Muncy area $250,000.

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82,500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable, balance pasture), sound 2-story home, good 1½-story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99,500 Also available as a 22-acre unit with 1½-story house for $65,000

MANY LAND PARCELS AND FARMETTES AVAILABLE
CALL OR WRITE FOR THE FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
Don Myers (814) 422-8111
(Huntingdon) Rachel Port (814) 669-4194
Mel Rockey (814) 466-6688

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

KISSINGER LEONARD & BROWER Realtors

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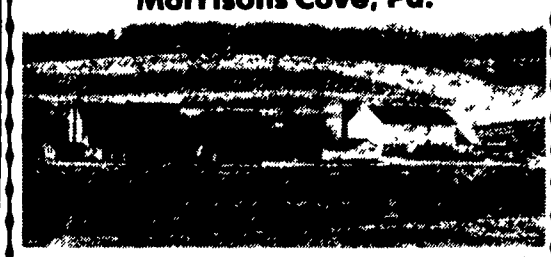

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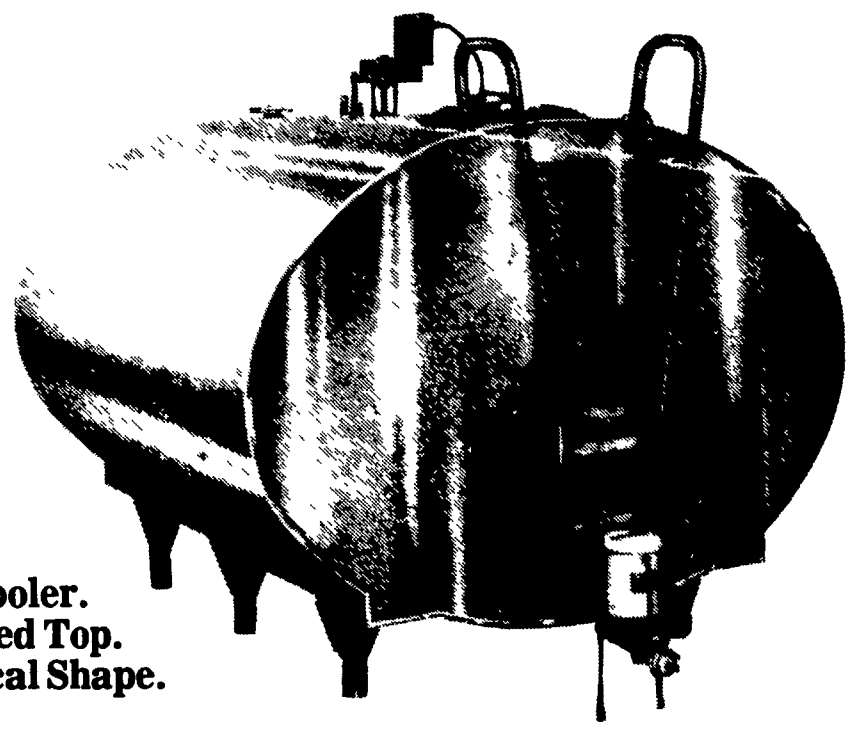

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Dramatic Changes Predicted For 21st Century Farms

ITHACA, N.Y. – As the 21st century approaches, American agriculture is in major transition and faces even more dramatic changes and opportunities than in past years.

That is the report from speakers at a Cornell University symposium celebrating 100 years of agricultural research in the United States.

The symposium was held to mark the centennial of the Hatch Act of 1887, which paved the way for establishing agricultural experiment stations across the nation, and the centennial of the Cornell University Agricultural Experiment Station.

Focusing on the theme, "The Next Century," speakers covered topics ranging from the role of agricultural research in the world economy to the impact of technology on the 21st century farm.

The symposium was sponsored by the Cornell agricultural experiment station in Ithaca and the New York State Agricultural Experiment Station in Geneva May 4 to 5. More than 400 people attended.

Biology and other areas of science and engineering will revolutionize agriculture in the next century and dramatically change the methods by which American farmers produce food and fiber, predicted Sylvan H. Wittwer, former director of the Michigan Agricultural Experiment Station.

Keynote speaker Lt. Gov. Stan Lundine of New York State said, "Governor (Mario) Cuomo and I are firmly committed to help the agricultural sector help itself, treating our number one industry with the concern and respect it deserves, and to recognizing the importance of those who supply food to the family of New York.

"A healthy farm economy is crucial to the health of the overall economy of our state and nation."

Wittwer said that there is no question that agriculture, which he called "the world's most important and dynamic industry," is in transition.

"More and more, technology will be seen as the major force shaping the structure of U.S. agriculture and what happens out on the farm," he said.

Highlights of his projections for the American farm as it heads towards the 21st century included:

• Dairying will remain the most stable and value-added agricultural industry of the world. U.S. milk production per cow, which has doubled during the past 40 years, is likely to double again by the year 2000, while the number of cows will dwindle from 11 million to 7 to 8 million.

• The beef industry is at a crossroads, with consumers demanding low-fat, palatable and tender beef. The future of this industry hinges upon consumer acceptance of the product. There will be no great expansion of exports, and the fate of the industry lies with the domestic market. Acceptance of bovine growth hormone and its use will result in leaner beef and greater rates of gain.

• Pigs will be developed that will produce leaner meat with less fat. The pig growth hormone tested at Cornell and other universities has enhanced rates of gain up to 15 percent, reduced carcass fat by as much as 50 percent and back fat by 70 percent, and has produced a 100 percent increase in loin eye area.

• Commercial use of growth hormone for dairy, beef and swine will become a reality by 1990 and will be widespread by the year 2000. With appropriate management, the growth hormone technology, pioneered by Cornell scientists, could produce rewards to the small producer equal to those for the large operator.

• Consumption of broilers and turkey will continue to expand in competition with red meat. By 1990, poultry meat consumption is expected to equal that of beef and pork taken together. Per capita egg consumption in the United States will continue its downward trend.

• The world's dominant food crops will continue to be rice, wheat, corn, sorghum, millet, oats, barley, rye, soybeans, field beans, chick peas, pigeon peas, cowpeas, peanuts, potatoes, sweet potatoes, cassava, bananas and coconuts.

• The amount of pesticides used for agriculture will be reduced substantially. Costs of materials and of application, increasing environmental constraints and destruction of non-target organisms, food safety and human health and increasing numbers of biotypes gaining resistance will require less chemical usage.

• Conservation tillage practices, such as no-till, ridge and living mulching systems, will be the wave of the future. This is an emerging agricultural technology vital for resource conservation, including land, water, energy, fertilizer, soil and organic matter.

• Management of water resource availability and quality will be critical for productive and dependable farm production.

• The "plastic revolution" is well underway for crop production throughout the world. Plastic greenhouses, row covers, tunnels and mulches extend production area, control weeds, conserve soil moisture, repel insects, and protect crops from freezing, thus greatly improving yields and quality of crops.

Wittwer said, "Technology will raise world farm output, and agricultural research will advance more rapidly and broadly than ever before.

"If American agriculture is to remain truly competitive for the 21st century and beyond, we must first be willing to invest to retain our edge in agricultural science and technology, and second to create a mechanism whereby new technology developed in other countries may be brought into the U.S. system."

In his address, Lundine called for government and all segments of the agriculture industry to work together to help farmers and agribusiness adapt to changing markets.

"Ensuring a healthy future for New York's agriculture industry is a job not just for farmers and not just for government," he said. "It must be a joint effort of government, farmers, food processors, distributors, wholesalers and retailers.

"Farming is the biggest industry in our state. New York's 48,000 farms directly employ about 191,000 people and generate a gross annual income of about $3 billion a year. New York's more than 1,300 food processing and manufacturing plants employ 65,000 people, with a payroll of about $300 million a year.

"Companies providing supplies and services to farmers, along with food processors, distributors, wholesalers and retailers provide another 400,000 jobs. And beyond that, agricultural expenditures indirectly support hundreds of thousands of other jobs throughout the state's economy."

EPA Accepting Dinoseb, Silvex Indemnity Claims

NEWARK, Del. – The Environmental Protection Agency is now accepting indemnity claims from growers and distributors who are still holding supplies of pesticides containing dinoseb and 2, 4, 5T/Silvex herbicides.

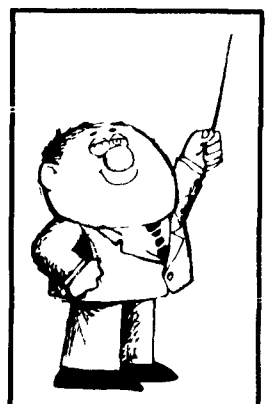
"Claims must be filed with the EPA by July 14 for dinoseb products and by July 7 for 2, 4, 5T/Silved products," says Mark Graustein, University of Delaware extension entomologist. "The agency is also accepting requests for disposal of these products."

The EPA suspended the sale, distribution and use of dinoseb products in October 1986. Animal studies showed that pregnant women exposed to these products risked birth defects to their unborn children, and male workers ran a significant risk of sterility.

Until the EPA finds a contractor to dispose of dinoseb, safe storage of the chemical is up to the owner. The agency recommends that dinoseb materials be stored on pallets in a dry, well-ventilated and separate room or a covered area with a concrete floor where fire prevention is provided.

A list of registration numbers and product names of the dinoseb products that are eligible for indemnification and disposal is available from the EPA. Claim forms are available from Carole Dougherty, EPA—Region III, 841 Chestnut Building, Philadelphia, PA 19107 or by calling (215) 597-9870.

Indemnity claims and requests for disposal should be mailed to: Special Review Branch (TS-767C), Office of Pesticide Programs, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, DC 20460.



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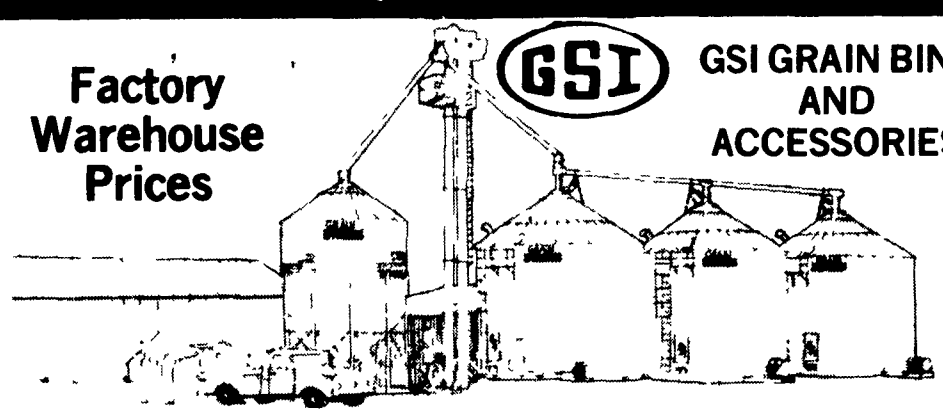
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The Farmers' View

Grassroots

CAMP HILL – Farmers, like other individuals, recognize the importance of belonging to a professional organization. Through collective strength, an organization can do many things that an individual would have neither the time nor the ability to accomplish.

Collected voices help direct legislators, regulators and policy makers. Coming together collectively permits input from all involved and generally results in a unified position or direction for the group. This type of activity is particularly important to agriculture because less than three percent of the total U.S. population is engaged in agriculture.

More often than not, people want to belong to an organization whose basic philosophy is similar to their own. They want to associate with similar people. Occasionally, they join an organization because of some type of service or privilege which is extended to members.

Farm organizations, like farming, have a uniqueness all their own. In the early 1950s when the Pennsylvania Farmers' Association began forming county units, their leadership included in the by-laws, a limitation in the number of non-farm memberships. This allowed for agri-business, ag-educators and other groups and individuals with an interest in agriculture, to help support an organization of farmers.

In recent years, as farm population continued to decline, some farm organizations solicited memberships from individuals with an interest in rural living. Others, concerned with falling memberships, began to narrow their activities to the problems of a specific commodity.

Unfortunately, the decline in the number of farmers changed the historical direction of some farm organizations from one of representing all segments of agriculture to that of rural concerns, co ops, and commodity groups. But even so, within these groups there was an obvious recognition for the need to develop positions that would enhance and promote agriculture.

The recent crisis in the farm economy has caused a myriad of groups, organizations, coalitions, economic experts and others to surface with the pronouncement that they can save agriculture.

We now see movie stars giving "expert" testimony before Congressional committees. Their only expertise is that they portrayed a farm wife in a recent movie. After their highly promoted appearances, they go back to Hollywood.

The revenues from the series of "Farm Aid" concerts, monies donated to aid farmers, was used to put together a coalition of politicians, activists and liberal groups to "develop farm policy" that was supposed to reach a national consensus on farm policy.

It is disturbing to see how easily farmers can be persuaded to give up their long-standing "grassroots" work for come-and-go celebrities whose livelihood is made outside of agriculture.

"Grassroots" got its beginning in the late 1800s in rural America, as distinguished from centers of political leadership. The word "grassroots" and the concept began with farmers and for more than a century farmers have collectively believed that those outside of agriculture should not be allowed to set farm policy.

As Paul Harvey said in his January 24, 1967 radio broadcast, ***"We don't need another 'organization', our nation already has too many organizations."*** He said that Americans should be prepared to support an organization such as the American Farm Bureau Federation because they represent ***"what dues-paying, grassroots Americans have always believed in and died for."***

Farm policy at the grassroots is the only way that future farm policy should be decided. It cannot be done by religious groups with rural life positions, labor unions seeking to bolster membership or by individuals seeking a socialistic form of agriculture.

It must be decided by responsible, intelligent farmers who have reviewed all the issues and who understand the total problem. And, it must be done collectively by farmers.

Agriculture cannot succumb to idealistic schemes or unrealistic quick-fixes, nor should they look to outside influences to set their direction. That must be done through a proven mechanism ... that is Grassroots efforts, and involvement in a true farm organization.

The Farmers' View is a column that is compiled by the Public Relations Division of the Pennsylvania Farmers' Association (PFA). It expresses the views of PFA's policy positions on key issues as adopted by the organization's 23,443 family members.

Water Clinic Scheduled

WEST CHESTER – If you have a problem with your drinking water, you may consider buying water treatment equipment. Shopping for the right equipment can be confusing, and owning and operating it can be expensive.

"Testing your water and defining your water quality needs are the first steps in correcting a water quality problem" says Dr. Bill Sharpe, water specialist at Penn State University.

On May 14, Chester and Delaware County residents will have a chance to learn more about managing their water at a Safe Drinking Water Clinic. The clinic, sponsored by the Chester and Delaware County Cooperative Extension Services, will be held at the Dilworthtown Presbyterian Church on Birmingham Rd in Dilworthtown.

The program is scheduled from 1:00 to 3:00 pm and repeated from 7:00 to 9:00 pm. At the clinic you will hear from Dr. Bill Sharpe and other water quality specialists and have a chance to examine water treatment equipment. Cedar Grove Laboratories, of Donwingtown, is also making water tests available to clinic participants at a reduced rate. To get to the church, take Rt. 202 to Dilworthtown Rd. and turn west toward Dilworthtown, then take the next right onto Birmingham Rd. For more information contact the Chester County Cooperative Extension Service at 215-696-3500.

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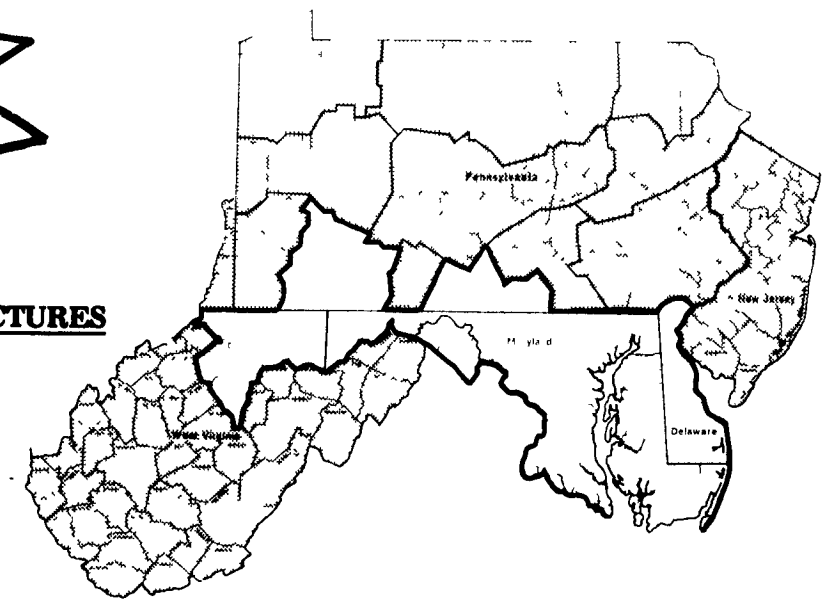

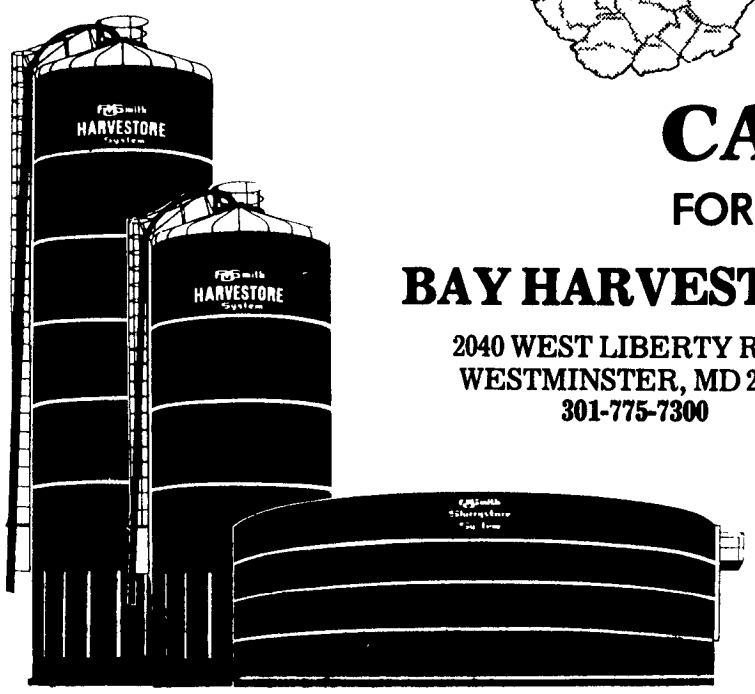

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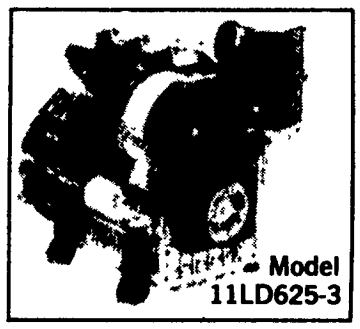

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DEALER INQUIRIES INVITED

THOMAS A. BREWER
Assoc. Professor
Agricultural Economist
Marketing

Many agricultural resources have been idled over the last few years. Some have been idled by limitations on acreage associated with support programs or by such things as the dairy herd buyout program. Others have been devoted to production that hasn't been very profitable. The owners of the idled resources and of those not profitably employed have one thing in common. They are searching for alternative uses for their land, labor, capital and managerial expertise and not simply uses but profitable uses. This is how our economic system shifts resources from production of those commodities the market is saturated with to production of ones in more demand. Nothing wrong with that. I happen to believe it's a good system though it can work hardships on individuals who, for whatever the reason, decide they have to change. Judging by conference announcements that come across my desk and articles in the agricultural press there is great interest in finding alternative crops or livestock enterprises to substitute for formerly unprofitable ones. A noble objective, but it's not likely to profitably employ all of agricultures unused assets. The current level of interest and enthusiasm brings back memories of efforts, back in the 1960's, to grow sugar beets as an alternative crop in the Northeast. It wasn't successful.

The remainder of this column should probably be captioned "Make sure the grass is greener before you cross the fence." Or "Idle resources may be better than some of the alternatives."

It is very difficult to find an alternative crop or animal product that will be profitable for a farmer to grow when we realize that the world generally has too much already and people either have full stomachs or lack the money to buy from the world's abundant supplies to fill them. Idle resources always seem to seek out alternatives, always have and probably always will. Some ventures may be successful. There are indeed good alternatives for some. However, an alternative is not always "greener."

Before a farmer commits resources to a new enterprise he should consider and develop his own answers to the five following questions. There may be others that haven't occured to me but these should be answered for any alternative considered.

One: Is there a market for the commodity and are there recent trends or changes that are taking place in that market? Obviously, it doesn't make economic sense to produce for a non-existent market but market trends or changes can also be very important. For instance one should ask, "Are there developments which will require a change in the form in which the commodity goes to market and can I supply in that form? Is the market requiring more or reduced quantities of farm output?" A growing market, requiring greater quantities, is easier to enter than a shrinking one. If it is shrinking a new grower has to compete a share of the market away from an already established producer. A difficult job sometimes.

Thomas A. Brewer

Two: Even if there is a "good" market, are transportation, assembly, and quality preserving services available which will permit access to that market. Is the necessary infrastructure available at present? If the answer is No! the grower might further ask himself, "Can it be made available? Can and will other growers join with me to provide those market accessing services and facilities?

Three: Are resources adaptable and do they fit the requirements of the alternative? Some soils and climates are better suited to production of some things than to others. Yours, if not well suited, will make it difficult for you to compete with current growers.

The timing of the crop's harvest, dictated in part by weather, may make it nearly impossible to serve a market at the time it would be most profitable. Some other resources may not be readily adaptable to the new alternative either. As an outlandish example a silo would be of little use to a peach grower but a tractor, tillage and harvesting equipment for corn silage wouldn't have many of the preferred characteristics for a peach orchard either. Of perhaps most importance are managerial skills. Are they transferable to the new crop or livestock enterprise? In todays complex technological world the answer to that question is frequently. NO! New skills can be learned and with experience, expertly applied but it may be a

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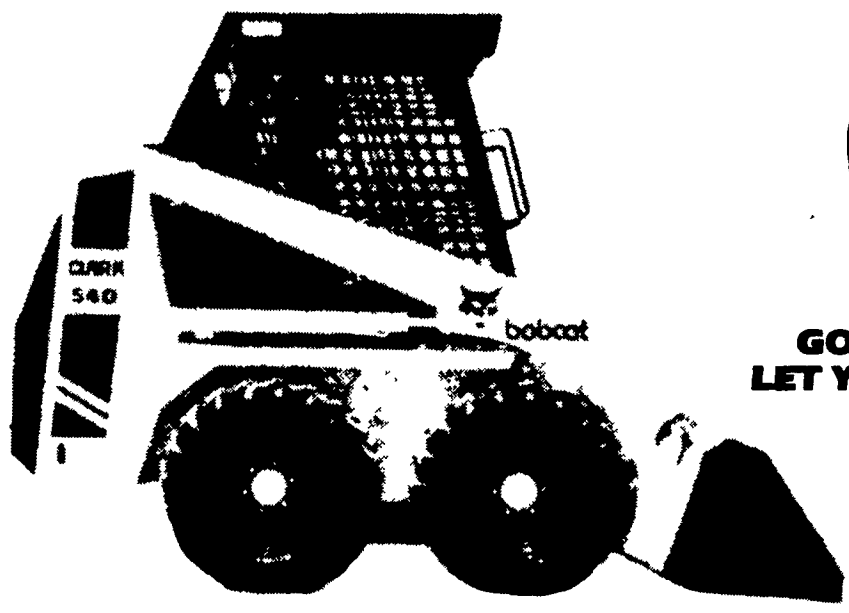

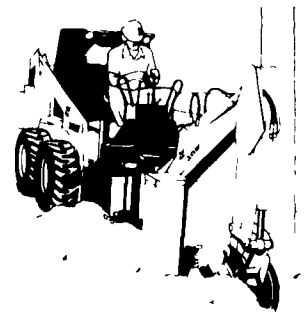

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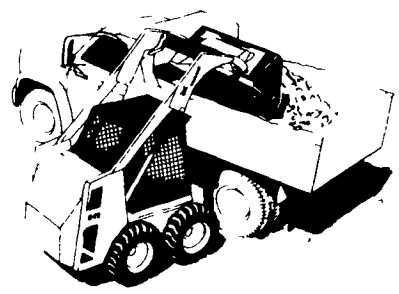

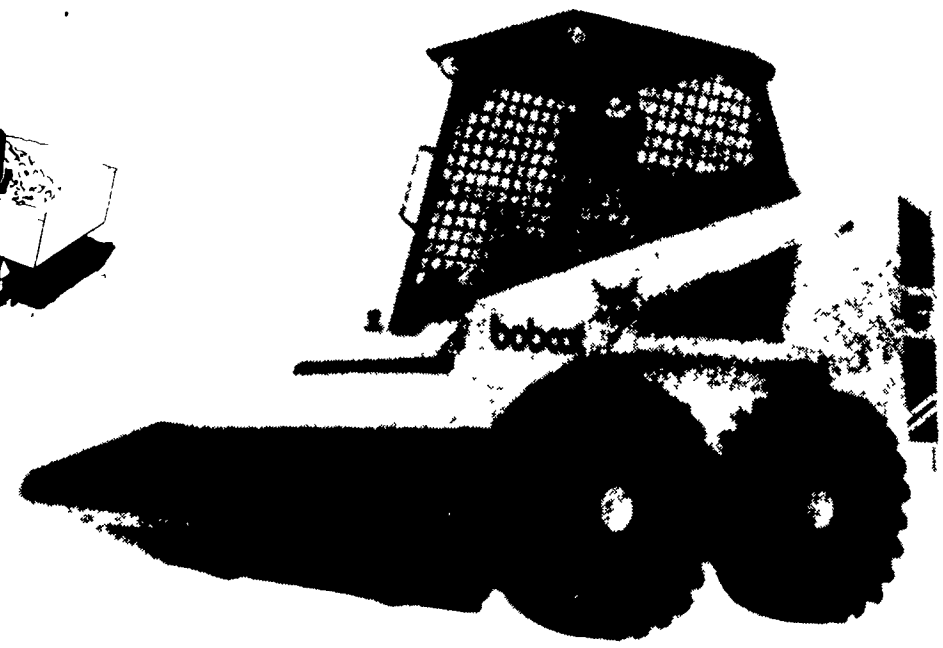

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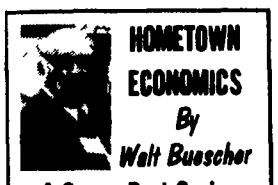


HOMETOWN ECONOMICS

By Walt Buescher

A Seven Part Series

Editor's Note: We first heard this humorist give this speech at the ADA-DC Annual Meeting in Syracuse, N.Y. but Walt Buescher of Pigeon Forge, Tennessee has spoken in Pennsylvania a good many times too. He always gives farm and agri-business groups the same message, a message that he calls "Hometown Economics," but which can best be described with the words, "cut back or sell."

Since retirement from Allis-Chalmers, Buescher has lived in the Smoky Mountains of Tennessee where he operates a sales promotion firm called Grass Roots Communications. For the last 10 years, he has filled speaking dates for Ford New Holland all over the United States. So, here's Part 7 of 7 Parts.

There are a lot of farmers out there today who sit at the bottom rung of the ladder, watching the turtles whiz by. And not without good cause. There have been some great farmers who went down the drain, no fault of their own.

But feeling sad about one's plight seldom does anything to solve it. "They ain't no such a thing as free beer," the old adage tells us. Pogo said, "We have met the enemy and they is us." "Enemy" is too strong a word, but "us" isn't. The Lord helps them that help themselves. It was never more true than now. I got a sneaking hunch that if we don't do it ourselves, it ain't gonna git done!

Farmers tell me, "We're producers...we're not salesmen." As if salesmen were all selling Brooklyn bridges and gold bricks. I've spent a lifetime in sales and I'm pretty proud of my accomplishments. I ask farmers who tell me this, "OK...so then who's going to do your selling for you?"

If they answer at all, it's generally, "Uncle Sam." I reply, "So you want Uncle Sam to do your selling for you. Is that right? The guy who can't balance his books? The guy who can deliver a letter today a little slower than it used to be delivered by Pony Express? Is that the guy you want?" We've been selling our staff to Uncle Sam and he's sitting on it...and it's not getting riper with age. Unlike fiddles and rare wine, corn in barges doesn't improve with age.

Production is important, no question about that. We've got to keep competitive in a world market from here on out so don't close up Penn State just yet and don't fire your County Agent. But what this old man is trying to tell you is, "The job ain't done until the stuff is sold." Whatever years the Good Lord give me, I'm going to keep going around the country preaching that sermon to everyone who will listen.

No, my friends, we got to get the snowball rolling downhill ourselves. It may take some effort to get it started, but as it heads downhill, it will gather speed and size. They tell us that if we build a better mousetrap the world will beat a path to our door. Don't you believe it. No matter how good your stuff is, it must be sold. Somebody has to ring doorbells.

You've all heard of Pike's Peak because Zebulon Pike advertised his mountain, but there are 32 peaks in Colorado higher than Pike's Peak. Name one. See, you can't name one because the guys that owned those 32 other mountains didn't tell anybody about their mountain.

There's one disease that all salesman catch and it's known as "The competition is too tough." Somehow we've got ourselves in a mind-set that the rest of the world's agriculture can do better than we can and the case is hopeless. Don't you believe it. Brazil has nade great strides in agriculture (with our technology and money), but now the land needs fertilizer and they don't give that away in Brazil either. The road to the port is long and filled with pot holes. There's 200% inflation and the greatest per capita debt in the world. Not exactly the best possible base for a thriving agriculture.

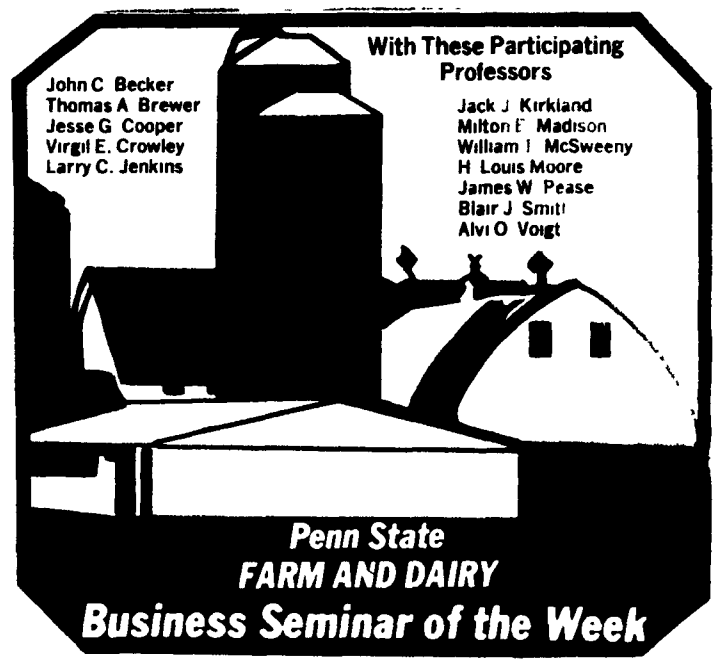
Argentina is a sort of lord-peasant agriculture. While the lord sits on the front stoop drinking mint juleps, the peasants do the work. Not the most productive system.

Australia is dry, mostly outback. Kangaroos, wheat, sheep. New Zealand is small. South Africa is in turmoil. Canada is north...where they don't use their snow until it's a year old. Pretty far from Saskatchewan to the port. And if it wasn't for $120 billion subsidies, Western Europe couldn't compete with anybody with those little pie-shaped fields that they have.

China is supposed to be self-sufficient now. But the one billion Chinese have only 11% of their land that is tillable. If they get enough capitalism to be able to buy one more egg per person per year, the state of Pennsylvania couldn't provide those eggs. India, much the same story. Ordinary land in Japan costs $59,000 per acre. In the world, 200,000 more people are born every day and they all get into the habit of eating rather early in life and never break the habit.

The other day I saw an ad that read: "LOST DOG. Blind in one eye, deaf in one ear, broken tail, left front paw missing. Answers to the name 'Lucky.'"

I guess we're lucky that our ancestors came past the Statue of Liberty and waved. How many of you wish your ancestors would have missed the boat? No, we're pretty happy to be Americans, despite all of our problems. And we're in a good business. When people get a few cents more money anywhere in the world, the first thing they want to do is upgrade their diet. Their political leaders may want guns, but the people want butter. We're in the food-production and marketing business... a good business to be in!



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bit shaky at the beginning. One large farmer who participated in the dairy herd buyout program and started a feeding operation told me how difficult it was for him to get used to the idea of not getting a milk check each month. He was experiencing some difficulty in financial management but managing the production and harvesting of a new crop or class of livestock can be even more challenging.

Four: This is closely related to number three. A grower should ask, "Can I produce for and serve the envisioned market and provide the desired quality as efficiently (at as low a cost) as those currently serving it?" If you can't give a yes answer to this question the chances for long term profitability are poor.

Five: Will a relatively small increase in output and the expected reduction in prices still leave them high enough to make it profitable? Some commodities being suggested as alternatives are not widely grown and a little increase in acreage in one geographic region might lower prices so much that a seemingly profitable enterprise could become a real economic disaster. In 1986 fall potato production was down 13% from 1985 levels and price was up 26%. Five hundred additional acres of potatoes in each state this year would have a major impact on expected production and with a normal growing season, would produce much lower prices. For many minor commodities it wouldn't take nearly as many acres to have a similar impact on prices. Many farm level prices are quite sensitive to rather small changes in production. A 1% increase in output often brings anywhere from a 2 to a 5% decrease in farm level prices.

If you are a grower considering an alternative agricultural enterprize to meet the needs of the food system, and can't give a satisfactory answer to any one of these questions, it will be a risky one to undertake. You probably shouldn't do it. There are a number of former northeastern sugar-beet growers who will testify to that. But that was 20 to 25 years ago. Here we go again, — I hope not.

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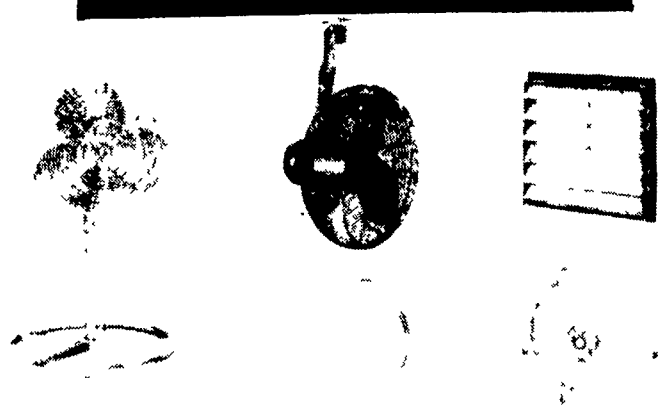
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Monthly Report

April 1987

Name	Brd.	No. Cows	% Days in Milk	Milk Lbs.	Fat Lbs.
Hidden-View Hol		3	68 5	85 5	22,775	838
Mertz Brothers		3	40 6	85 9	22,437	800
Mark A Wolfskill		3	100 0	85 2	21,442	796
David L Schrack		B3	101 9	88 1	20,030	780
Raymond A Seidel		3	42 1	89 5	19,416	761
Junge Farms		3	77 4	88 6	20,278	760
Merlin J Grube		B3	48 6	88 1	20,348	759
Heindel Fms Inc		3	42 9	88 1	20,038	746
Forrest C Stricker		B3	56 6	85 5	21,181	743
Plushanski Fms Inc		3	143 2	84 3	19,284	743
DJSP Schuler		3	62 8	86 8	20,768	737
Vista Grande Fm		3	87 4	87 0	21,043	733
RR Troutman&Sons		B3	138 7	85 1	19,059	727
Bendy Brook Fm		3	47 0	84 8	19,721	725
Reu Hel Fms Inc		3	96 6	87 2	19,776	723
Rich A Bleiler		B3	53 8	88 0	21,285	722
Geo S Troutman Jr		B3	78 9	88 3	18,890	722
Irvin G Weaver		B3	53 8	90 6	19,953	721
Arlan Krick		B3	65 7	88 4	18,900	712
Swatara Dairy Fm		3	67 7	83 0	17,769	711
Wm G Howerter		3	90 7	87 9	18 964	710
Rothrock Golden Hol		B3	120 8	82 4	19 412	705
Mervin Brubaker		B3	67 7	85 5	19 597	703
Nathan Nolt		B3	54 8	88 6	19 337	698
Ralph&Ken Sanner		3	77 3	86 7	19,308	697
Muddy-Creek Farm		3	42 0	86 9	19,487	696
Harold Schuler		3	39 3	88 3	19,838	695
Zahncroft Farm		3	56 8	89 4	19,283	694
Udder Valley Fm		B3	79 9	86 1	18,825	693
Retland Farm		3	54 6	87 0	19,649	688
Daview Farm		3	71 1	82 8	19,650	687
Robt E Kopfer		B3	65 5	86 1	19,017	686
Show Top Fms		3	168 5	90 9	17,809	684
Blue Mtn Academy		B3	130 7	89 8	18,900	680
Elvin Brubaker		B3	42 2	87 4	19,063	680
Leroy E Howard		3	146 3	89 9	18,664	679
FM Browns Sons Inc		B3	99 4	90 9	19,319	676
Harvey M Weaver		B3	49 3	86 7	18,684	675
Clarence B Kulp		3	73 5	89 0	19,686	671
A D Stoltzfus		B3	111 7	86 8	19,137	670
Tulpa-Canal Farm		B3	37 6	88 0	19,008	668
Alton Rohrbach		B3	55 0	88 7	19,124	665
D&B Daubert		5	38 0	88 5	16,968	664
L G Stoltzfus		3	106 3	85 3	19,276	663
Robt C Dreisbach		4	82 2	83 9	13,330	663
Yost Brothers		B3	111 4	86 7	19,534	662
Oleka Acres		3	55 0	85 6	19,615	661
Martin&Missy Moyer		B3	50 6	86 1	18,825	659
Donald B Duncan		B3	104 7	87 4	18,486	659
Grumbro Hol		3	49 5	84 3	17,397	657
Fred J Walters		B3	83 7	86 2	18,235	653
Frank G Gromlich		3	71 5	82 6	17,201	653
F Mark Weber		8	36 6	82 2	17,189	652
Wooden Bridge Fm		B3	55 0	85 6	19,924	650
Dan J Harnish		B3	102 5	85 9	17,349	650
Glenn B Gockley		G3	45 1	86 8	18,823	647
Ernest C Hoffman		3	58 4	88 5	17,776	647
Leon H Martin		B3	40 4	89 3	18,140	645
Luke Snyder		B3	55 2	86 5	18,482	644
Ker Min Farms		3	81 5	86 7	17,721	644
Ronald Kelchner		B3	78 2	86 9	17,735	643
Glenn R Harnish		B3	133 7	86 5	17,878	642
George E Moyer		3	105 9	86 0	17,762	640
Kenneth Zook		B3	52 4	89 0	17,991	637
Ray E Bicksler		3	49 4	87 6	17 813	636
B L Burkholder		B3	43 0	83 7	18,312	636
David Gross		B3	38 5	85 7	18,274	632
Robt L Sattazahn		B3	98 1	90 0	17,955	631
Linden Loch Hol		3	40 0	82 5	16,995	630
Bos-Belle		3	6 9	83 1	16,747	630
Jeff J Vanhorn		B3	31 4	93 1	18,065	630
Scattered Acres Inc		B3	143 4	81 9	17,856	629
Floyd Kurtz		B3	57 0	87 7	18,601	629
Don Burkholder		B3	105 1	86 3	17 684	628
Kur Del Farm		B3	43 4	84 8	18,460	628
Lawrence Kieffer		B3	94 8	86 6	17,479	627
Rick Phillips		G3	62 6	81 7	17,248	627
Ken&Deb Dietrich		B3	51 2	82 6	17,439	626
Ernest O Miller		B3	223 6	85 8	17,202	626
Chas D Moyer		B3	125 6	89 0	17,514	624
Wilhomar Farm		3	42 8	84 7	18,408	624
Rolling Acres Fm		G3	38 6	82 8	17,050	624
Landis R Martin		B3	52 7	87 7	17,133	623
Heindel Fms Inc		1	22 6	86 0	15,651	622
E Dan Leatherman		B3	66 8	86 8	16,615	621
H C Krill Jr		B3	53 7	90 0	16,318	620
Herb Top Fms		B3	42 6	85 6	17,221	619
Don Aloan		B3	48 0	83 9	17,521	618
Earl R Hafer		B3	119 2	87 1	17,596	617
Chas W Wagner		B3	48 7	89 3	17,757	617
Bruce Reigel		G3	39 6	84 4	16,176	614
Gary-Martha Heffner		B3	43 6	84 5	16,710	614
David J Williams		B3	47 3	83 9	17,377	609
Ray L Kulp&Son		B3	86 3	90 2	16,958	608
H Fenstermaker		3	33 6	86 5	15 670	607
Lynnacres		3	198 2	90 0	17 226	606
Ray W Seidel		B3	39 6	87 6	16 697	605
Don M Meyers		3	59 2	88 7	16 351	605
William C Adams		B3	86 5	89 6	14 555	604
Mark G Hoch		B8	61 8	87 9	16 413	604
Joe&Deb Kohler		B3	36 5	87 9	17 312	604
Herb Top Fms Jer		B4	5 3	89 1	13 588	602
Whirlwind Acres		B3	113 8	88 6	17 036	602
John H Stump		3	70 3	89 7	17 126	600
Red Fever Fm		B3	70 3	87 0	16 733	599
Meadow Spring Fm		G3	53 9	83 2	17 936	599
Robert Yanos		B3	59 3	89 5	16 278	599
Jacob M Wise		G3	43 0	84 6	17 577	597
Win Dale Farm		4	54 9	87 3	12 037	597
KL+BA Grimes		B3	144 6	88 0	15 881	596
Richard Schlegel		B3	59 2	86 8	17 016	595
Samuel L Mast		3	48 3	85 4	16 616	595
Teen Chal Farm		B3	124 2	86 7	17 063	592
Rodger L Wagner		B3	138 4	88 6	16 320	592
Lowell C Kurtz		B3	35 0	83 9	16 567	591
Mel M Oberholtzer		B3	41 2	82 5	18,052	590
Pinnacle View Dy		B3	45 8	86 2	16,583	590
Ron Weyer Jerseys		4	2 0	85 9	12,947	588
Elam G Hoover		B3	71 3	88 4	15,328	587
W Dreibelbis Jr		B3	112 3	83 6	15 860	586
Albany Farm		B3	35 6	87 4	16,852	585
JD Rosenbaum&Son		B3	77 8	88 1	16,162	583
E K Siegfried		3	107 0	90 9	16,339	583
Pine Brook Fm		3	113 8	83 0	16,136	582
Ontelynn Acres		3	135 2	87 9	15,251	582
Terry Kunkel		B3	43 3	81 8	17,794	582
C C Sattazahn		B3	109 0	88 8	15,620	582
Larry E Phillips		B3	37 3	83 4	16,077	579
Rich W Hoppes		B3	66 8	86 0	16,153	579
David L Phillips		4	44 7	85 9	12,559	578
W Schmidt		3	58 1	87 7	16,565	577
Ro Ria Farms		B3	223 0	90 0	15,670	573
Lester Martin		B3	45 1	87 6	15,755	573
Robt E Kieffer		B3	58 6	89 6	16,276	572
Savidge Farms		B3	51 5	86 0	15,778	570
Dennis Adam		3	35 0	88 5	14,831	564
Carl H Rabenold		B3	65 4	82 5	17,316	563
Clyde Loump		B3	56 7	84 7	15,646	563
H Dietrich Jer		4	6 8	90 0	13,064	562
H Dietrich Hol		B3	36 1	90 0	16,224	561
Glenn E Hoffman		B3	58 5	83 6	15,501	560
David Y Knauer		B3	52 9	83 0	16,716	560
By Way Jersey		4	20 1	87 6	15,955	657
Double B Farm		B3	40 3	85 2	18.159	656
John S Bennett		B3	62 3	87 8	17 980	656
Norman&Gary Jackson		3	39 1	83 0	17 471	655
Terry&Linda Long		B3	37 1	85 8	18 077	650

Cows that produced 850 pounds of fat or more in 305 days in February 1987 are listed below

Middle Ridge Farm					
260	2 6	297	20,449	5 0	1016
352	3 5	305	24 579	3 9	964
Charles&Doris Porter					
Tony 25	4 5	305	25 518	3 8	959
Gor Wood D					
Harriet	4 7	305	29,188	3 2	945
John S Bennett					
BJ	3 7	305	23,640	4 0	942
Roy A Schanbacher					
Fay	8 6	305	22,591	4 1	917
Harold Robson Jr					
Speck	8 9	305	26,551	3 4	892
Stela	8 0	305	20,236	4 3	880
Allan J Lilley					
Lucy	6 0	305	23,462	3 8	884
Mike Buckwalter					
Rowdy	3 1	305	24,859	3 5	865
Gordon M Wood					
4 Neil	4 7	305	20,288	4 2	856

Tioga Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

February, 1987

Name	Brd	No Cows	% Days In Milk	Milk Lbs	3 Fat X Lbs
Glenn Bowen		3	38 2	89 5	21,363	782
L&J Holsteins		3	40 8	89 9	20,777	767
Oliver+Marian Bulter		3	56 6	88 3	21,991	761
Leemon E Gaugler		3	42 8	87 3	19,085	749
Dean Baity		3	56 2	89 5	18,970	740
Emery-Rick Davis		B3	54 0	87 6	19,317	739
Harold Robson Jr		3	54 6	87 9	20,194	729
Schmelway Farms		3	49 9	89 0	19,851	726
Charles&Doris Porter		3	54 1	89 2	20,908	719
Charles D Groover		3	15 2	85 2	18,681	711
War Bern Farm		3	99 3	87 3	19,153	706
Middle Ridge Farm		B3	110 8	88 3	17,264	704
William Chamberlain		3	46 0	86 0	19,806	704
David Cleveland		B3	46 3	84 5	20,158	698
Clark Bowen & Son		3	53 7	88 5	19,528	697
Paul & Emma Machmer		B3	22 9	86 0	17,811	695
Verne W Bowen		3	40 7	88 2	19,070	680
Doug+Jenny Lawton		3	62 9	87 9	19,564	678
Robert L Miller		B8	76 8	85 4	18,968	674
Chris Gaugler		3	42 1	87 6	17,824	672
Gor Wood-D		3	145 4	84 1	20,989	672
Dale E Allen		B3	86 0	87 7	17,905	670
Jay Foreman		3	78 3	88 3	18,339	666
Baker Family Farm		B3	157 4	87 4	15,486	664
Shedd Ranch Pa		B3	52 3	94 9	18,109	662
Allan J Lilley		B3	44 7	88 1	19,188	*661
Eugene Sargent		B3	53 1	89 2	18,452	659
Richard Groover		3	39 8	84 1	18,297	659
Joseph+Velma Sherman		B8	80 4	90 7	17,021	657

Bucks Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

March 1987

Name	Brd	No Cows	% Days In Milk	Milk Lbs	Fat Lbs
Theodore S Wilson		B3	48 3	86 7	21 242	759
Willow Ridge Farm		3	48 0	87 0	19 475	757
Delaware Val College		3	41 3	86 9	22 414	754
George & David Bishop		3	104 1	87 2	21 399	741
Raymond Gross		3	46 3	87 4	20 557	735
Richard O Smith		2	61 0	88 0	16 132	733
Bishcroft Farm		3	121 4	90 4	19,694	730
David R Wolfinger		3	40 5	88 6	20,548	726
Harry E Thompson		3	41 8	88 5	20,014	710
Walter&David Wurster		3	62 5	88 4	20,356	706
Delaware Val College		5	11 7	85 3	17 163	705
Crooked Acres Dairy		3	58 2	89 2	20,399	703
Wm & Eleanor Gunser		3	68 6	88 4	18,938	698
Moyers Village Farm		B3	86 4	86 5	19,015	695
Paul L- Kevin Bishop		B3	67 5	87 3	20,466	689
James Pavlica		3	46 7	86 3	19,655	686
Rushlyn Farm		3	39 2	90 1	18,007	685
Robert-Donald Crouse		B3	65 6	89 8	18 929	680
Penrose and James		3	82 7	83 8	18 671	676
David R Walton		3	32 8	88 6	18,929	667
Robert-Barry Gehman		B3	65 2	87 6	18 264	661
Ken & Virginia Hager		B3	46 7	87 8	18 219	653
Joe Linda Ford		4	2 0	81 0	13 159	653

The following cows completed lactatons over 850 pounds of fat

Penrose and James					
Epic	3	305	23 232	3 7	861
Richard O Smith					
Jody	2	305	21 450	4 0	859
Bishcroft Farm					
Bernice	3	305	21 502	4 0	877

Last Day For Crop Loans Approaching

LEESPORT – Donald E. Lutz, chairman of the Berks County Agricultural Stabilization and Conservation Committee said loans on 1986 corn, sorghum and soybeans may be obtained until May 31.

As of April, Berks County producers had obtained federal price support loans on approximately 524,700 bushels of their 1986 grain crops. The loan rates are: corn $2.16 per bushel, soybeans $4.73 per bu. and sorghum $3.27 per cwt.

Under the price support loan program, the Commodity Credit Corporation makes loans to eligible farmers, using the commodities as collateral for loans. Stocks may be stored on the farm in approved structures or off the farm in approved commercial warehouses Lutz said price support loans provide farmers with operating cash and allow them to hold their crops off the market and benefit from later price increases

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., 8 AM to 5 PM -
Wed., Thurs. & Fri. 7 AM to 5 PM

1 FARM EQUIPMENT

NH 1052 stack retriver, NH quarter turn bale chute. 609-859-8549 after 5.

NH 256 hay rake w/dollie wheels, $1,275., NH 275 baler w/super sweep & thrower, JD 525 offset disc, and 706 Int. tractor. Berks Co. 215-777-0052 or 215-775-0508

NH 276 Baler with #58 thrower, top shape, $3100. 717-665-3860.

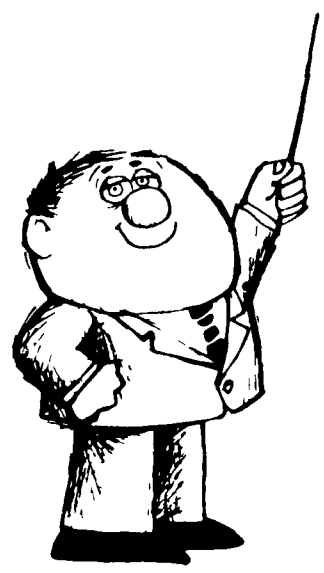
NH 354 grinder mixer, like new; Badger 1500 gal. vacuum tank; NH 275 baler w/Super Sweep and 54A thrower w/hyd. controls; 2 new high side hay wagons with fold down fronts; JD 640 hay rake. 717-362-3773.

TRACTOR LOADER BACKHOE: Ford 420, 1,000 hrs. w/Bradco 3 pt. backhoe, $9,500. 301-833-9091.

NH #25 blower and Badger chuck wagon, excellent condition 215-562-4571

NH 461 haybine, $995, kicker wagon, $475; NH 455 trailer mower; NH 401 crimper, $175. 717-354-0266.

NH 469 haybine, field ready, $1,200, JD 47 loader, $700 717-862-3536 or 717-862-3743



A LESSON WELL LEARNED...

Lancaster Farming's CLASSIFIED ADS GET RESULTS!

Phone: 717-394-3047
or 717-626-1164

1 FARM EQUIPMENT

PULL TYPE EQUIPMENT 12" Oliver Raydex 2 btm. plow; Mechanical 1R transplanter; JD 9' spring harrow; JD 20 KBA disc harrow; JD side delivery rake (horse); Brillion 8' alfalfa packer/seeder; NH 10' fert. drill T J Wheary & Sons. 717-687-0102

Quit Farming. IH 800, 6x30", like new, dry fert., insecticide, large trash discs, always inside, $8,750. or Offer. 215-966-5816

Rissler 40' feed conveyor, double chain, like new 717-532-9535.

Rotary sythe MC, very good condition, $1,200. 301-833-9091

SAVE 50% PTO Alternators and Pressure Washers. Parts and service on all Generac PTO Alternators. Call 1-800-231-8277. Dunham Equipment Company.

Stump grinder, 18HP, Briggs & Stratton engine, battery starter, good condition, a good workhorse. 215-933-3991

Super VI potato harvester, belted chain in excellent condition; Mark 76 potato harvester, belted chain in excellent condition. 302-734-9966, 8:30 a.m. to 4:30 p.m. 302-734-7645 after 6 p.m.

Two 844 cu. inch Buda dsl. generators, 50KW 3 phase, $1500 each. 717-656-9876.

Two high-side hay wagons $600 and $650. Berks Co. 215-689-5893.

Two post roll bar with canopy. Would fit most 30 and 40 series tractors. Also Cornell barn cleaner in good repair 717-532-7054.

Used JD 7720 combine, 1,900 hrs. w/15' grain table, $25,000.; Used NH 1895 chopper w/3 row auger base head, $25,000. 301-663-4678

VanDale ST100 stationary mixer, recently rebuilt. 215-863-4767.

VERMEER ROUND BALERS: Special Pre-Season Pricing on 1987 models with no payment due 'til next summer. Also available, used balers, disk mowers, tedders, rakes, and twin rakes. John McGill, western PA. 412-352-3582.

WELDER: Hobart 4 cyl. $450. 301-833-9091.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

Wic bedding chopper, new style with Quick change blades and 7HP Honda. Good as new $1200. Can deliver. 215-932-0445.

Winch for JD 450 crawler, used very little, $1,000 301-529-1710 after 9 p.m.

NH forage harvester M610 Wisconsin engine, all attachments; NH blower M680. Wm Samu, Rt. 524, Allentown, NJ. 609-259-2468.

NH round baler #850, $4,500. or Offer 301-833-1847

NH self propelled #1495 haybine, $5,900. 301-371-6981

NH skid steer loader L250, 120 hours, 42" wide 2 buckets $5,900. Lycoming Co 717-547-1912.

NI 329 corn sheller attachment, shelled less than 100 acres $1,000. 609-298-0550.

NI Cutditioner, #279, 7', excellent condition; 770 W Hay Head, open end, fits 717, 718, 770 & 782, like new, $800; White 4R 5400 Air Planter w/liquid fert., monitor, insecticide, excellent condition, $2850; Martin V-type liquid tank spreader, extra nice, $3850. 717-949-3074, 703-879-9926.

Old style Ontario drill parts. Jamesway gutter cleaner push up repair parts. Stanley A. Klopp. 215-488-1500

POST HOLE DIGGER: 3PTH, NEW. Complete with 6", 9" or 12" auger, $450; 18" auger, $650; 24" auger, $850. Ringo Hill Farms, Quakertown, PA. 215-346-7340.

PTO shaft w/clutch for JD 14T baler, good cond. $200. J.B. Swarey, HCR Box 600, Mill Creek, PA 17060.

New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, twine, 65" pickup w/ hydraulic lift, 16"x18" chamber w/hydraulic tension, flotation tires, and heavy duty axel. Used 1 season (20,000 bales), excellent shape. Gates Homestead Farms, 315-687-7811 or 6775 (leave word).

New Holland self propelled bale wagons: 1980 1069 160 bale, 2100 hrs., new tires, good, $20,000. 1049 160 bale, very low acreage, $12,400. 1047 120 bale, 6 cyl. Ford motor, good, $8,000. 1033 pull type, 105 bale, $5,700. 1038 pull type, 105 bale, used very little, $7,700. 1010 pull type, 56 bale, $1,500. Delivery and local references available. Roeder Impl. Seneca, KS. 913-336-2800.

New Idea haybine, 9' cut, $800. After 6PM, 717-379-2555.

Newly constructed 18x18' bale thrower wagon, oak wood w/metal reinforced corners on non-weaving 9-ton wagon chassis. 717-966-1274.

New or used combines from Larry Stalter, "The Combine Man" at wholesale prices. 20% down. Interest rates, $15,000 to $49,000, 2.1% no gimmicks. Call 717-632-8619 or 814-635-3689

Trojan 2000 loader, excellent condition, $25,000. 301-371-6981

NH 675 tandem axle manure spreader, good condition $1300. 717-626-1748.

NH 848 round baler, used very little. Asking $8,000. 814-658-3489.

NH crop carrier 8, metal sides, good condition, $2,600.; NH hi-cap. baler w/thrower, $1,200.; NH 479 haybine, $1,600.; JD rake, $800.; 5 btm. JD plow, $800.; (2) hay wagons, $400 each; 8' disk plow, $800 215-679-2065, 215-679-6321, 215-536-8620

Int. 80 pull type combine with finger pickup reel, very good condition. Asking $1250. Montgomery Co. 215-723-6523.

IRRIGATION PIPE Good, used aluminum 8", 6", 4". Band & latch or ring lock. Call 717-532-9108

Jamesway Butler 230 bushel forage mixer with scales, good condition. Cumberland Co. 717-258-6010.

JD 1209 mower conditioner; IHC 455, 4R corn planter, disc openers; 8R Trailing Century sprayer, 200 gal. fiberglass tank. All above A-1 condition. Any reasonable offer considered. Harford Co. 301-452-8610.

JD 14T baler; JD cultivator with toolbar; JD #5 mower; JD harrow, 3 pt. fert. spreader. 717-235-4370.

JD 246, 3 PH corn planter, good condition, $300/OBO. York, 717-741-3974.

JD 336 baler with 30 ejector in excellent condition. Mifflin Co. 717-899-6893.

JD 336 baler with thrower, nice, $3,650; (new) JD 2350 tractor, hi-low, $14,500; JD 146 loader, nice, $2,250. 301-733-2195.

JD 35 forage harvester, 2 row corn head, pickup head, good condition. Burlington County. 609-267-9433 after 7:00 pm.

JD 4010 Diesel tractor w/new tires, dual hydraulic outlets, very good condition, $5,500 or best offer. 201-359-5934 evenings.

JD 4020 diesel with wide front, syncro range transmission, new tires, recent overhaul. Price, $6,500. 717-532-7054.

JD 4320, less than 1,000 hrs. on complete engine and power train overhaul, 18.4x38 axle duals, roll guard $8,900. 717-866-7066.

JD 5440 forage harvester, grass head & 3 row pickup head. Reasonable Price. 717-263-3521

JD 6000 Hi-Cycle, excellent condition. 215-944-7325.

JD 7000 corn planter, 4 row, like new, planted less than 100 acres. 215-845-2130 or 215-987-3548 Evenings.

JD 730 diesel, electric start, new paint, new tires, just overhauled, excellent condition, $3,000 301-758-0392

IH 370 disk harrow 11'6" $2,400; 56 IH 4R corn planter $1200; McCurdy bin wagon w/hyd. auger $1200; Calhoun Model 450 fertilizer spreader $1450. All in excellent condition. Cumb. Co. No Sunday Calls 717-258-6682.

IH 3-bottom 16" roll-over plow, $2,000. 717-865-2529.

IH 400 Cyclo Corn Planter w/dry fertilizer & insecticide attachments, working condition. $450. York Co., 717-755-5612.

IH 400 Cyclo Planter, 4R, good condition, $400. 18' Green Chop Wagon. 717-687-6940, 687-9006.

IH 560 Farmall, fast hitch, narrow front end, good condition, $3700. 301-877-1658.

IH 966, recent major, $5,000. 301-833-9091

IHC Cub w/attach. Massey Ferguson T020 Ford 8N Ford 9N AC "B" w/attach. T.J. Wheary & Sons. 717-687-0102

IH model 2000 Loader, hyd. bucket, $1500. Cumberland Co., 717-776-7542.

IH TD15, hyd. tilt, very good UC, $9,500. 301-833-9091

Int. 5088 dual, hyd., 550, 1000 PTO, 18SP trans., 220 hrs., excellent condition; Case 1835 dsl. skid steer, 1983, extra tire, many extras. 413-774-4489 or 413-773-5310. Deerfield, Mass.

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues., 8 a.m. to 5 p.m. Wed., Thurs., & Fri. 7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

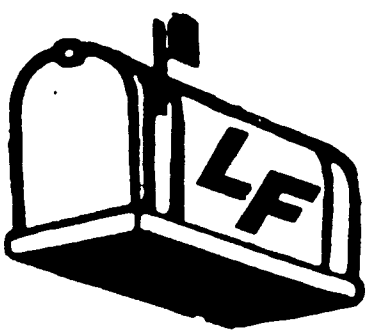
CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my _____ word ad _____ times starting with the _____ issue. Classify under _____. I enclose _____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $2.00 additional. This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

1 FARM EQUIPMENT

Kasten Super 120 silage blower. Asking $500. Cumberland Co 717-532-9501.

Kubota 4WD diesel, model 7100, 3 cyl., 16 h.p., 600 hr., loader, backhoe, excellent condition, $6,800. York Co 717-382-4416

Lely 1500 gallon liquid manure spreader $2500 or best offer 717-244-7361 after 6PM.

LOG SKIDDER Clark 666C w/winch and dozer, excellent $12,500 301-833-9091

M600 Huber maintainer, front blade, hyd. side shift center blade, Ford gas, excellent condition, Call For Price. Huber 5 to 8 ton tandem roller; Huber 8 to 12 ton tandem roller, Huber 10 ton 3 wheel roller Rollers are $2,495. each. All types of construction equipment attachments. Backhoe buckets, forks, hitches 717-741-2626

Massey Harris 44, WF, p steering, 3PTH, high lift $1200; Farmall Super C, excellent condition, plows, cultivator and 6' Woods rotary belly mower $2250 takes all; JD 1350, 6B semi mounted plow, field ready $1500; NH 57, 3 pt PTO side delivery rake $500; wheel rake $200. York County 717-432-2461 days or Adams County 717-528-4069 eves.

Massey Harris 82 combine, excellent shape accept for broken engine block. Reasonable. J&L Equipment, 717-369-2637.

MF 175 w/heavy duty Loader $4950; 14' Bale Wagon $685; NI Rake $895; 717-949-3074, 703-879-9926.

MF 35 deluxe, WFE, live PTO, 2 stage clutch, multi-pwr, field ready, new paint, excellent condition w/Souder loader, Asking $3,900.; Ferguson 3PH 2 btm. plow, $100.; McCormick hammermill #6, 3 screens, Best Offer; 300 gal. gravity fuel tank w/rack. Schuylkill 717-943-2328

MF 3 pt. hitch wheel rake, Tebbin deep till, 7 shank, 1,500 gal. poly tank 301-778-0935

MF 550 combine, 1,497 hrs., EHC, 15' header, long snouts, big rubber, very clean, kept in, $18,300. Financing 20% Down, Balance 2.1% Interest. Larry Stalter, "The Combine Man" 814-635-3689

MF 65 English dsl. w/WF and good 28" rubber, as is $1950. 717-534-1253.

MF 750 diesel hydro combine, air, 17' table, 6 row corn head, $15,000 or best offer 717-762-9365 after 5:00 pm.

MF 7' combine, PTO, hyd. table, grain hopper, good working condition, shed protected, Mod #35 pt 92205221 Serial 9220042 5 703-745-3098

MM 1000, very good condition, $3,500 301-833-9091

Hydraulic front wheel drive Will fit most Oliver 2WD tractors 717-299-3883

IH 1066, cab, new torque, excellent condition, $8,000 301-833-9091

IH 1256, excellent condition but needs torque $3,800. 301-833-9091.

IH 12' wheel disc $600. NH 270 baler without thrower, $675 717-534-1253

IH 140 w/fast hitch, $2,200 301-833-9091

IH 1460 axial flow combine, shed kept, excellent condition, $23,500 301-371-5964 after 7 p.m.

For Sale. Allis Chalmers model 66 PTO combine, 6' with grain bin and auger discharge, one owner, excellent condition, $1500 The Roy Co., Branchville, NJ, 201-948-3400

AC 160 Black Stripe with AC 417 Loader, dirt bucket, manure fork, six front end weights, AC 700 Series two bottom roll over plow, 1800 orig hrs 717-733-7297

For Sale Brillion field cultivator, 16½', have frame to extend to 20', $1975 Kasco 20' 3-bar Buster Bar, $300 20' Fuerst flexible chain harrow with cart, $1975 Snyder Co 717-837-0724

For Sale Case 660 Combine w/cab, air and pickup reel, 1 owner, 24' Smoker elevator; 11' Athens chisel plow. All in excellent condition 717-532-7905.

For Sale: Extra clean IH 56 4R corn planter, disc openers, fiberglass boxes, $950; NH 273 Super Sweep baler, clean, $2150 717-768-3197

For Sale: Freeman loader, snow bucket & ground plate. Will fit Farmall H, M or 460 tractor 717-259-9794

For Sale. Hesston 1150 12' mower conditioner, used 1 season. No Reasonable Offer Refused. 717-739-2807

For Sale: IH 5100 drill DD, 16-7 fertilizer grass seed, soybean sprockets. Used very little. Sch Co 717-943-2599.

For Sale. IH 37 Baler with thrower. Will sell separately. 717-966-3961

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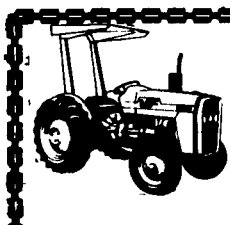

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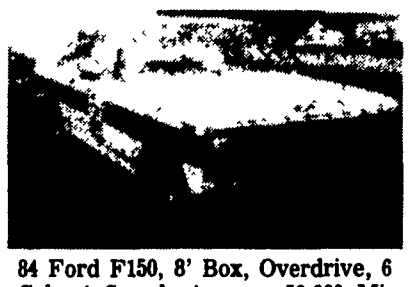

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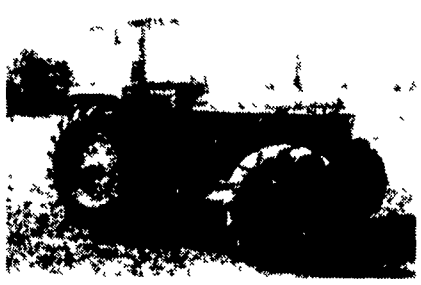

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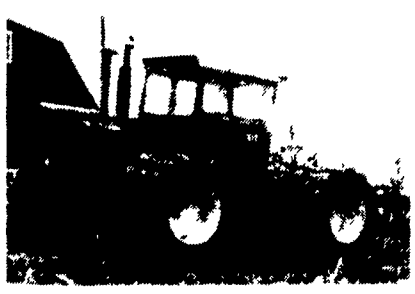

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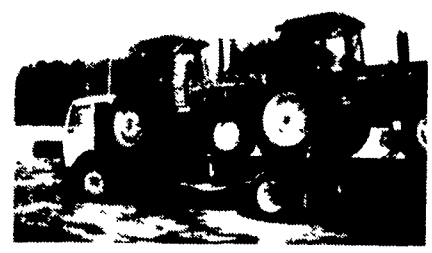

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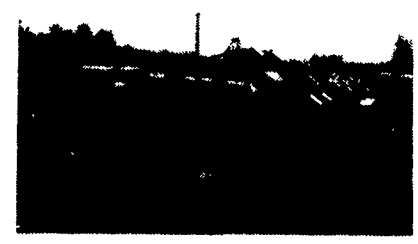

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50% OFF
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20% OFF
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107 Haybuster sod planter, like new, $7,800
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IH 1250
NH 353
NH 354

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NH 679 Spreader w/Hyd. End Gate
NI 214, 3 Beater
NI 214, Single Beater w/Hyd. Endgate

LAWN & GARDEN
White 1855 w/50" Mower
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Brillion 14' Transport Harrow
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
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NH 273 Baler w/Thrower
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Ford 3910	(2) JD 4240 4WD, cab & air
Ford 5000	JD 4320
Ford 6600 4WD	JD 350 crawler loader
Ford 7000	IH 574 gas w/loader
Ford 7700	IH 1066
Ford 8200, 4WD w/cab	IH 1466
Ford 9600	Case 970 w/cab
Ford TW20, cab & air	MF 285
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We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
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- 1.5 H.P. Electric Motor
- Soap Control From Gun
- Trigger Activated
- 3 Plunger Pump

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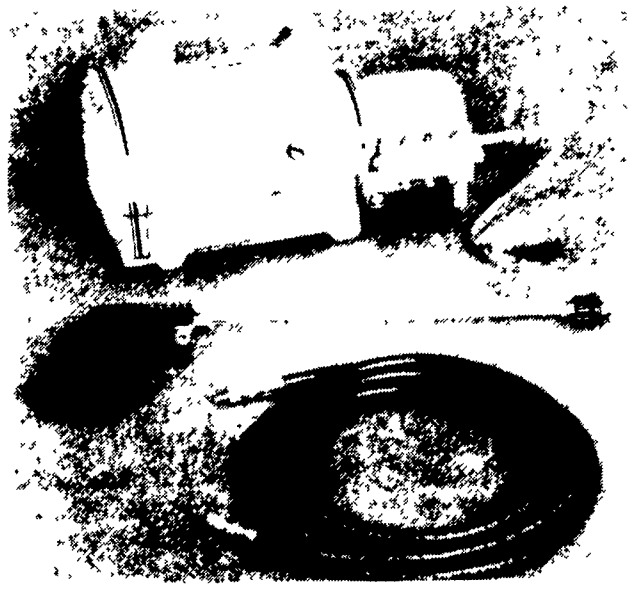
$449.00



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- Hi-Tech Gun w/Pinpoint Tip
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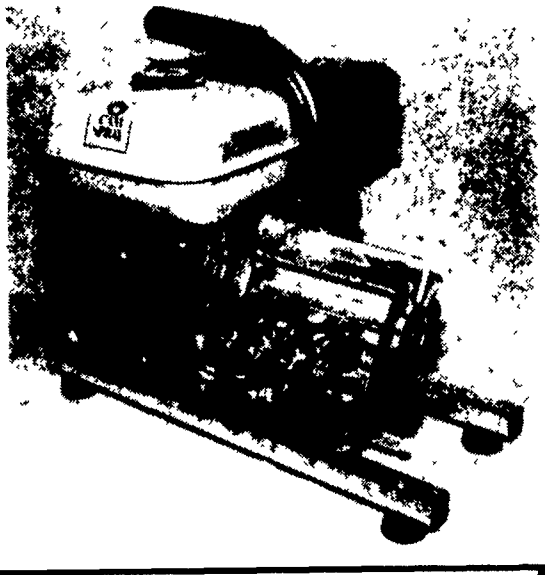

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- w/Cart & Gauge
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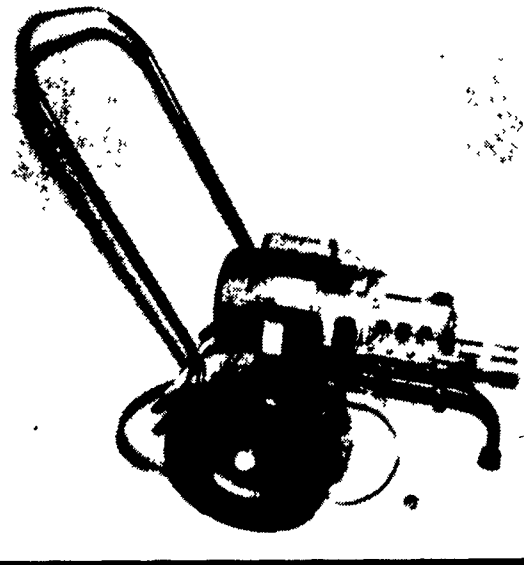

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- 2 H.P. Electric Cart Included

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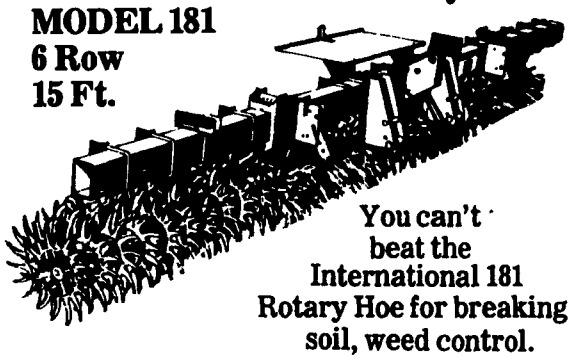
MODEL 181
6 Row
15 Ft.



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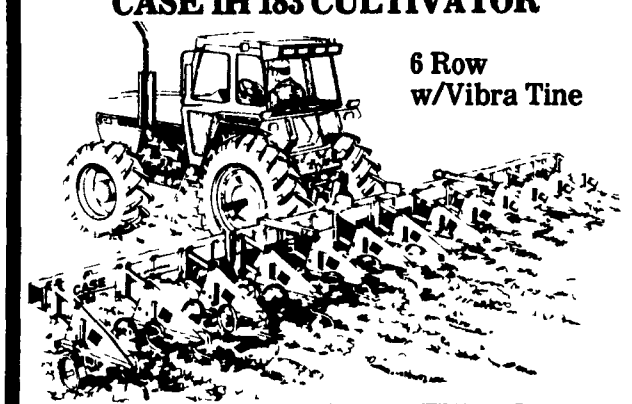
6 Row w/Vibra Tine



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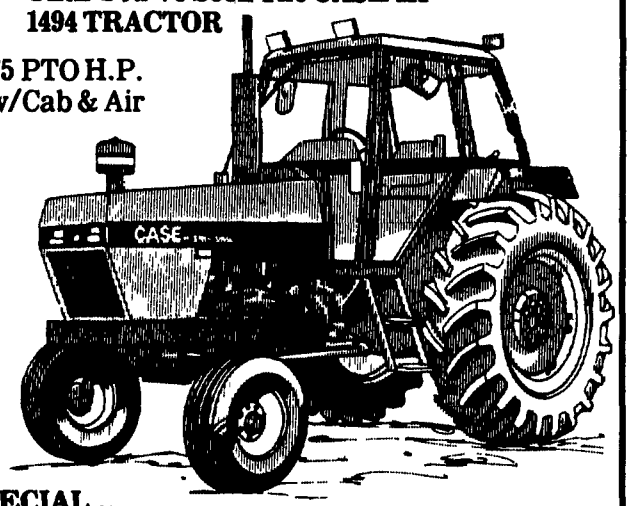

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DEMO UNIT Model 1494 4WD w/Cab

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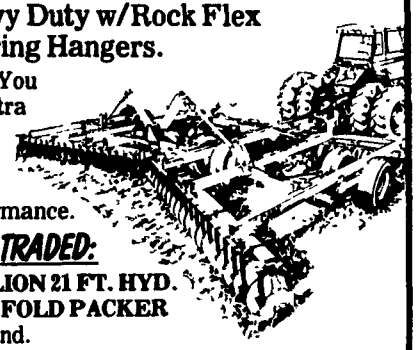

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Ex. Cond.

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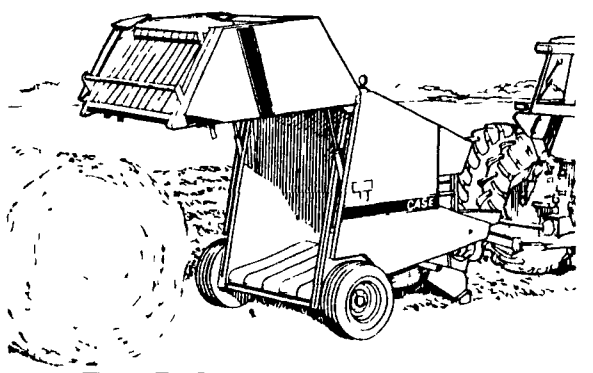

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- Fox Forage Box Wagon
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- IH 56 Blower
- NH 2 Row Snapper
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- JD 9 Ft Mower Conditioner

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COMBINES
- NH TR70 Combine
- IH 815 Combine
- NH Combine Head 960 13 ft

TRACTORS
- Cockshutt 30 Tractor
- IH 350 Tractor
- IH 300 Tractor
- Case IH 1494 4WD w/Cab & Air
- IH 504 w/Loader, Wide Front
- IH 240 w/Loader, Wide Front
- MF 50 w/Hyd Driven Orchard & Tree Cultivator
- IH 1086 w/Cab, Standard Equip
- Farmall Cub w/Cultivators, Sickle Bar Mower, Plow, Front Blade

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- IH 40 Shredder
- Woods 208 2 Spindle Rotary Cutter, 8'4" Cut
- Century Sprayers, 300 Gal

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- Pittsburgh 12' Disc Excellent
- IH 370 Disc
- Brillion Transport Harrow 10 Ft
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- IH 370 Disc Harrow, 12 Ft, Like New
- IH 501 Heavy Duty Disc Harrow, 12 Ft
- NH 442 Disc Mower
- JD 12 Ft Disc
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- IH Model 570 Tandem Axle Spreader w/Tailgate

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Flotation Tires, Bale Ejector, Reverse Drive, Counter, Oiler, 2-400x8 Pick Up Wheels

Featuring New For 1987...

Bale Command Wrap* w/Alarm

853 & 855 ROUND BALERS IN STOCK

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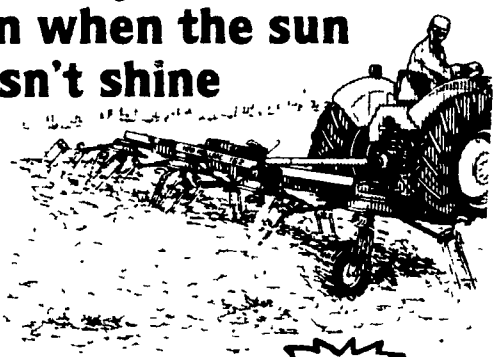
Make hay . . . even when the sun doesn't shine

with N.H. 156 & 162 HAY TEDDERS



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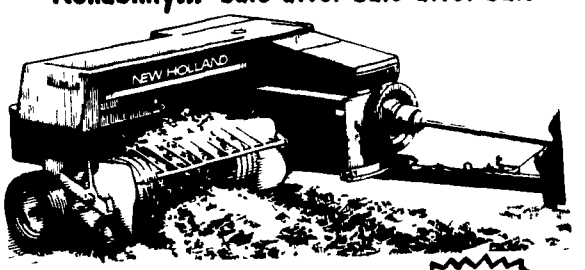
N.H. 316 BALER w/70 THROWER

Reliability... *bale after bale after bale*



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Heavy Duty, 5000 RPM Blower To Match Tall Silos

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$2,995

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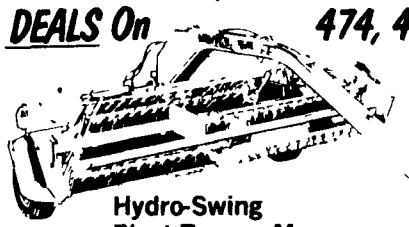

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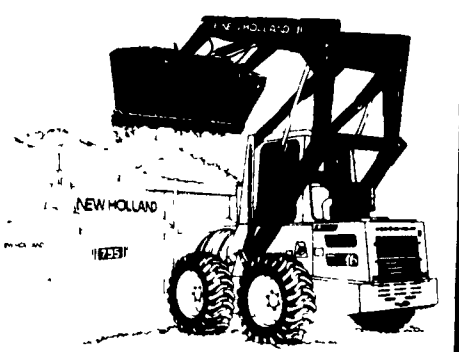
N.H. L555 SKID LOADER

More Stability, Less Spillback



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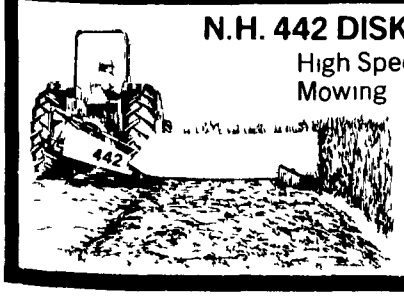

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Call mornings.
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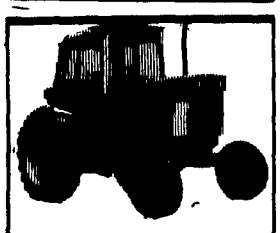

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585
485
385 w/2200 Loader
235
235 Hydro
245 4x4
255 4x4

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1190 7' Mower Cond.
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MF 760	
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JD 850, Turf Tires
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JD 2750, 4WD, w/fenders
JD 3150, 4WD, w/4 Post Roll Guard
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Farmall H
Farmall Super A
Ford 8000 w/Cab
Ford 9N
Int. 560 Tricycle w/Loader & V-Plow

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JD 6600 Level Land, Diesel, Rotary Screen
JD 643 And 444 Cornhead
JD Straw Chopper

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JD 670 Rake
NH 258 Rake
NH 80 Bale Mover
NH 451 7' Mowers
NH 70 Bale Thrower
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NH 283 Baler
NH 271 Baler w/Thrower
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JD 894A Hay Rake

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Eurospand 3 Pt. Fert. Spreader
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JD 45 6 Ft. Rear Blade
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FULL LINE OF NEW HOLLAND & JOHN DEERE EQUIPMENT

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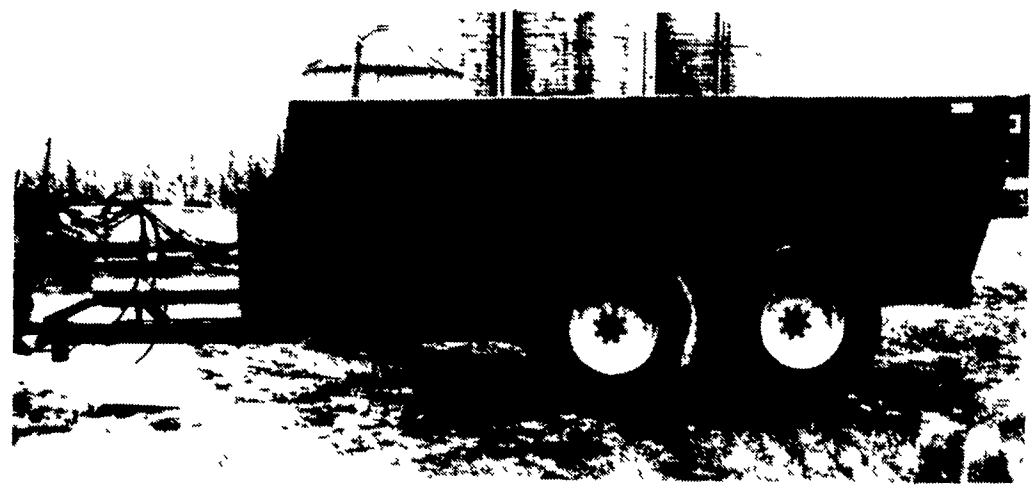

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New Kewanee 12 ft Disk w/furrow fillers, New Tires, Ready For The Field	Cash Sale $2,795
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JD M w/ Cultivators

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1 Set 18 4x38 Duals 9 Bolt Hubs To Fit JD 4430
Used JD 1250 6R Planter As Is

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New 12 Ft Disk
New 18 Ft Wing Disk
New Tillage Saver
JD 12 Ft Spring Tooth Harrow
IH 470 Disk

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1981 IH #1420 rotary combine, 404 original hrs., w/4R 30" corn head and 13' grain head. Bids accepted until May 29, 1987. Contact, 717-682-9029.

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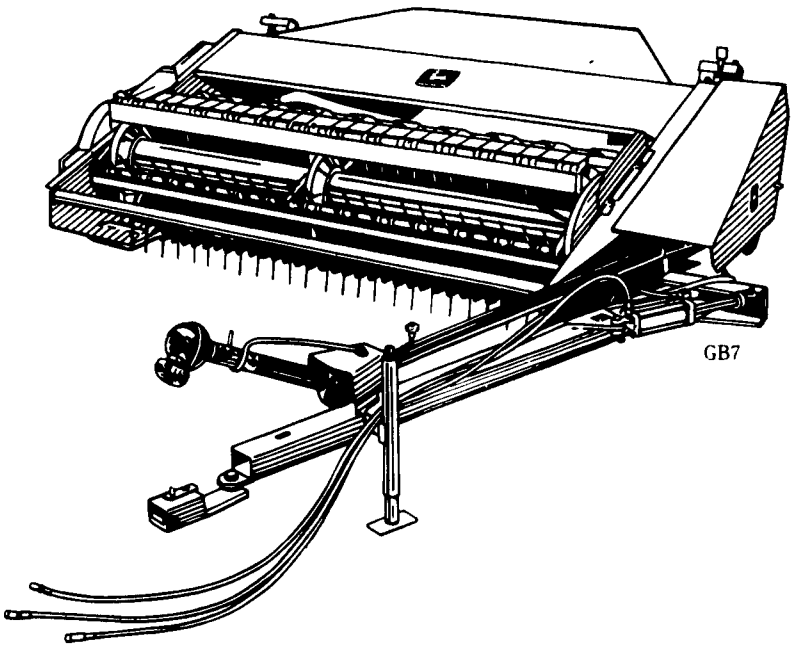
FOR SALE NI 709 dsl. Uni tractor, 4WD, w/ Super chopper, 3RNW corn head & windrower pickup head, 1175 hrs., very good condition, $19,900 firm, JD 4230 dsl. tractor, p shift, 4 post roll guard, good condition; Martin liquid manure spreader Model 2900, good condition, Martin liquid manure loader (equalizer); 4R White corn planter, Model 5400, dry fert., narrow row. 304-263-9801.

FOR SALE VanDale mixer wagon w/scales, good for rebuild project or parts. Make Cash Offer. Hunt. Co. 814-259-3377 or 3256.

PUTS THE PRESSURE ON FOR FASTER DRYDOWN



- John Deere mower/conditioners put on more pressure-per-square-inch over more crimping points. So you get better conditioning action for faster drydown.
- It's a matter of design. The conditioning rolls have a pattern of unique indented, recessed cleats for more crimp-pressure edges. And crimping is the whole story of hay conditioning.
- You can also vary the crimping pressure and roll spacing according to the nature of the crop. These and other adjustments such as platform float and shoe height can be made in minutes.
- See about the John Deere line when the haymaking pressure is on.

JOHN DEERE

LEADERSHIP YOU CAN COUNT ON

USED EQUIPMENT

TRACTORS
JD 4440 Tractor, sound guard, power shift
JD 3020 Tractor, side console, power shift
JD 2640 Tractor w/reverser
JD 2240 Tractor
Case 2290 Tractor w/cab & power shift

TILLAGE
MF 4 btm. plow
JD 230 disc, 19'11 wing fold w/cushion gangs
220 single fold disc, 17'

HAY TOOLS
JD 1209 mower conditioner
NH 479 mower conditioner
56 NH rake
JD 716 forage box w/high sides & roof, tandem running gear

COMBINES
JD 6620 Side Hill Combine
JD 7720 4WD Combine
JD 3300 Combine

COMBINE HEADS
JD 215 flex grain platform
JD 643 corn head
JD 215 rigid grain platform
JD 444 corn head

PLANTING
JD 7000 6 row conservation planter, liquid fert.
JD 7000 4 row wide planter, like new, dry fert.
JD 8300 21x7 grain drill w/single disc openers, zig zag discs & grass seed attachment

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215-932-2753

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Engine Rebuilding
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Kinzer, PA 17535

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(4) steel wheels to fit Bobcat, practically new $400
3 pt. scraper blade, Category I hydraulic system. $250
(3) mobile home axles ..... $75 each
Heavy duty trailer w/tandem axle, 5' wide by 10' long, 12,000 lb. gross weight $1,500
Clay silo unloader, 14' $1,200
4' hydraulic cylinder lift ... Best Offer
Agstar pig finishing crate, model 40, 10'x36' $800
Agstar pig finishing crate, model 70, 14'x40' $1,200
(2) 12 hole hog feeders, good condition ..... $125 each
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IH 674 Diesel $8,500
Case IH 1594 ..... $16,200
Ford 2000 ..... $2,750

HAY TOOLS
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IH 27 Baler & Kicker $975
IH 425 SOLD $2,250
IH 1190 9 Ft. Mower-Conditioner $4,700
NH 27 Blower $875
Grimm Tedder $800

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NI 217 Spreader $1,300
Howard Tiller $1,150
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IH 440 Baler, $1350
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IH 1190 Conditioner, $950
NH 718 Harvester, 2 heads, $3500
NI Rake, $700
NH 479 Haybine, $1450
JD Chuck Wagon, #115, $750
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Fox 728 2R Corn Head
NI Rotary Cutter
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IH 15' Chisel Plow
NI 6R Double Frame Planter
Hesston 1090 Windrower
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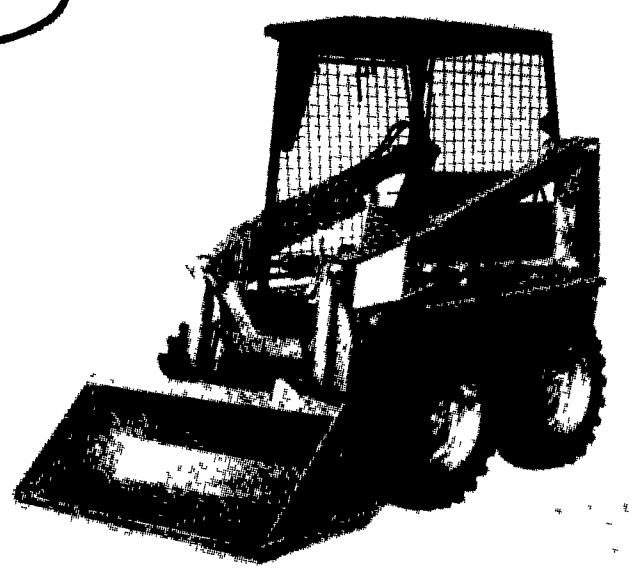
- Case 32 Net H.P., Gas
- Two-Lever Machine Operation
- 62" Heavy Duty Utility Bucket And Lights



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22' TRANSPORT WING DISK

Protects itself in your rocky fields!

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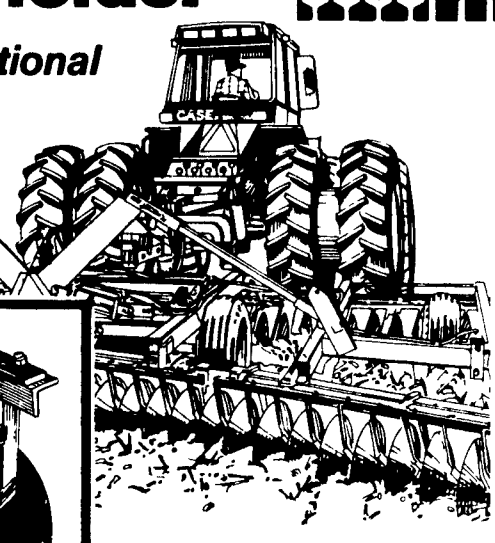
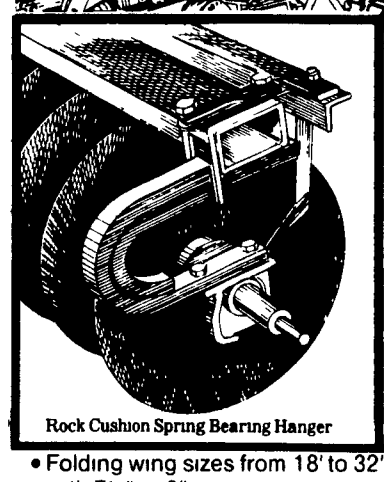
Case International 496 Cushion Gang Disk Harrows





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You need all the protection you can get for your disk harrow in rock and root infested ground The Case International 496 cushion gang disk harrow may be your answer It soaks up shock loads with exclusive C-shaped double-spring steel bearing standards The gangs flex and float over obstructions This cushioned "give" protects your harrow while providing uniform depth control over your entire field, and across the full width of cut, over the full harrow length

- Folding wing sizes from 18' to 32' with 7½" or 9" spacing
- Disk blades last up to 20% longer than ordinary blades due to tough Earth Metal steel
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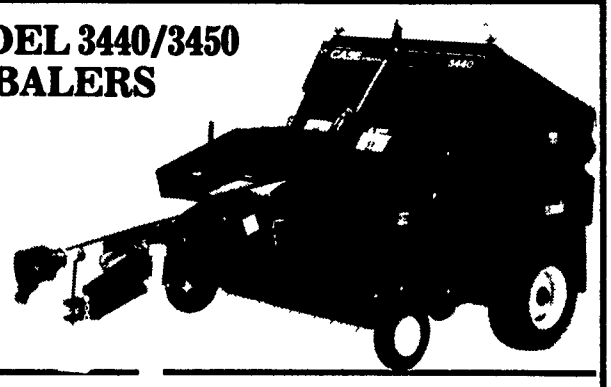
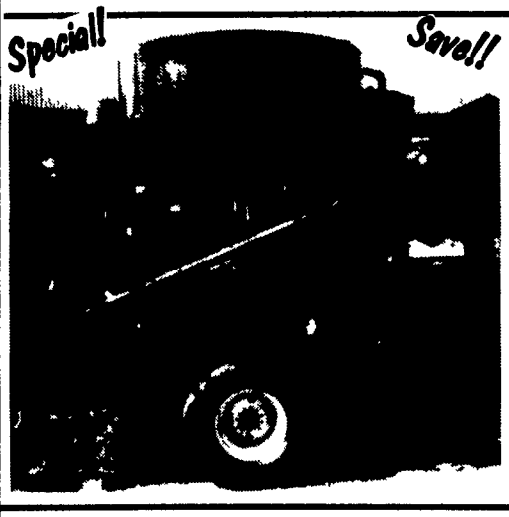


- Easy To Operate
- Simplified Fixed Chamber Design
- 4 Ft. (1.22m) Wide Baler w/Dense Outer Shell

Special!! Save!!



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105 Bu. (3.7m³) Tank Capacity, 3 Ft. Auger Extension, ¼x5/8 Screens, Feed Rolls, Scales Optional.

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w/100" Backhoe & 12" Trenching Bucket.

Note: This Backhoe Can Be Removed Quickly And 66" Material Bucket Installed Quickly For Cleanup Work, Etc.

NC 1528

One Only

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- 115 PTO Horsepower
- 12 Speed Powershift Transmission

Weights Extra

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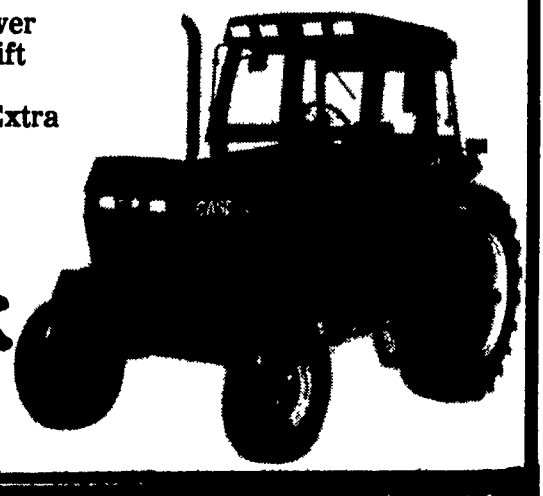

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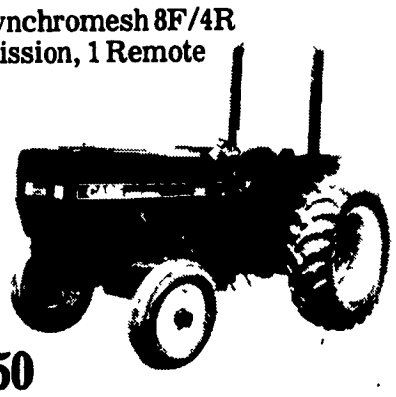
Utility, Synchromesh 8F/4R Transmission, 1 Remote

13.6x28 6P-R1, 6.00x16 6P-F2

Tag # NC 1450



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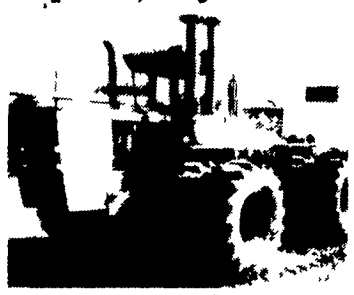
1980 Model Steiger Panther AUTOMATIC PTA 325 w/Caterpillar, 6 Cyl. Inline Diesel



24.5x32 Tires w/Dual Wheels

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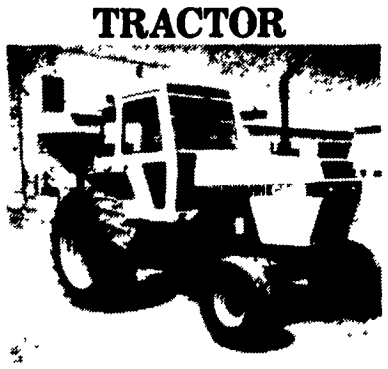

1979 Model w/Cab, Power Shift, 18.4x38 Tires

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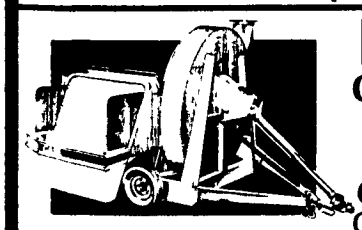

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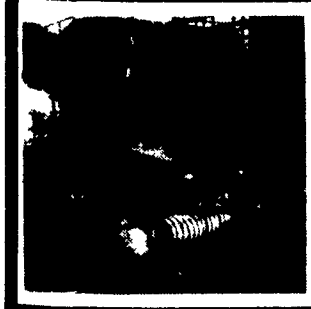

USED IH 241 ROUND BALER

UM 1159

ONLY

$2,950

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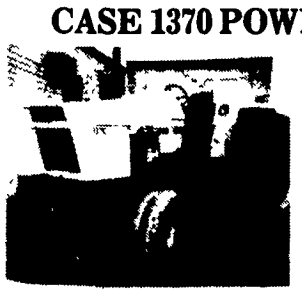

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You can't beat the 183 for efficient, high-speed cultivation. With Vibra* tine tooling, you'll get aggressive weeding and close-to-the row cultivation. Parallel linkage gangs maintain rigid alignment.

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Also **CASE IH MODEL 96 GROUND DRIVE RAKE** w/Caster Wheels

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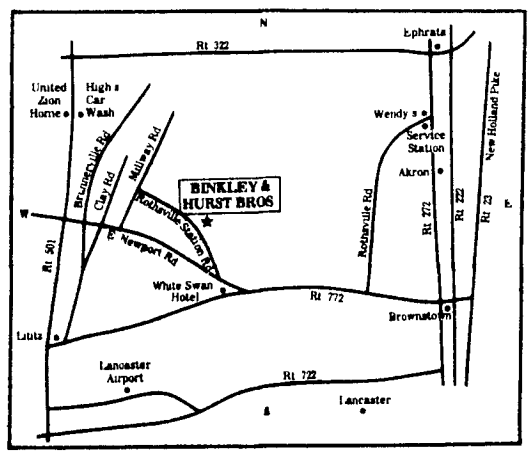
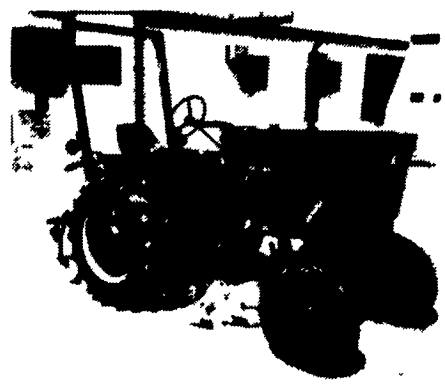


BRAND NEW IH MODEL 274



One Row Cultivator Tractor

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CASE IH 1896, 95 H.P.

CAH, MFD, Cab, Air, Heat, 12 Spd. Elec. Shift, 16.9x38 8 Pr.-R, 13.6x28 10 Pr., 3 pt. Hitch w/Tele Arms Tag #NC1511

for **$746.00** per month*

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* Based On 60 Month Residual Lease
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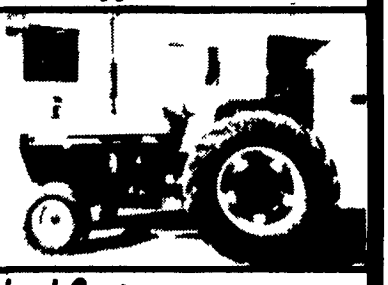
$15,900



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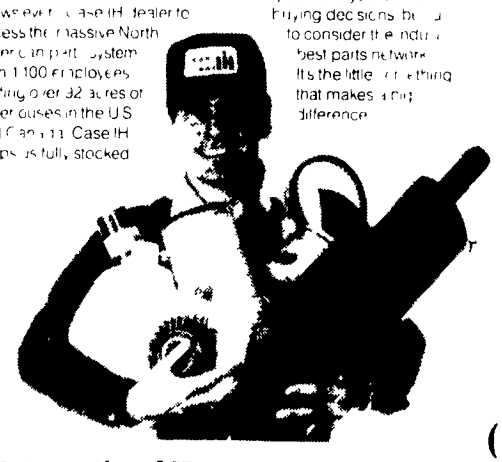

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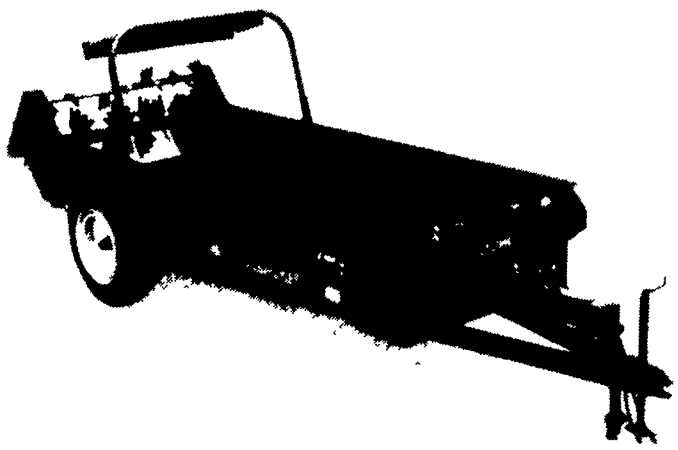

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Easy Operating Hand Pump Lever, 100 P.S.I. Pressure

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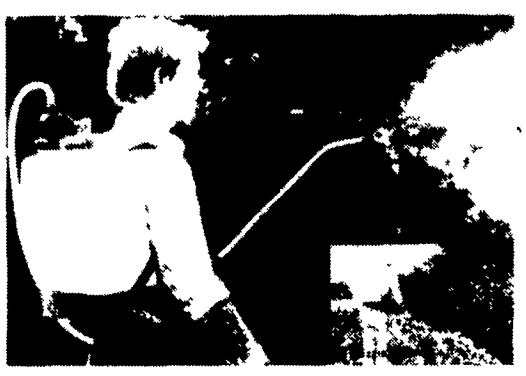

RY-15 Order No. 817294
Tank Capacity - RY-15-3.95 U.S. gallon (15 litre)
Pump - RY-15 - Piston Maximum 100 p.s.i. pressure
Height-20.5"
Depth - 7.95"
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Weight - RY-15 10½ lbs. empty, 43½ lbs. full

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Pump Handle Can Be Installed For Right Or Left Hand Operation

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1182 Hrs. & ROPS
~~$24,800~~ ..... **CALL**

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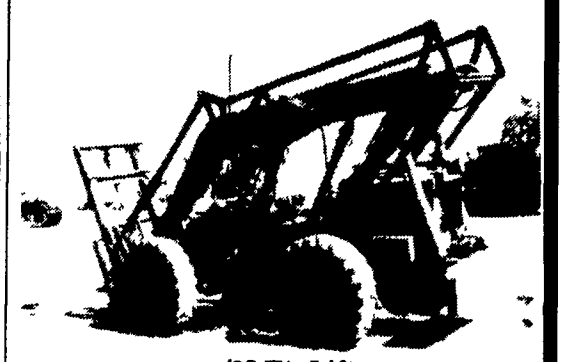

w/35 Ft. Lift
~~$13,800~~.. **SPECIAL $11,800**

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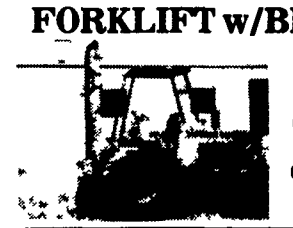

21' Mast Lift Height & Power Shuttle Reverser
ONLY **$15,680**
Don't Miss A Bargain!

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DISCOUNT SALE PRICE FOR DIESEL.. ~~$10,400~~

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SELF-LEVELING SKID LOADER

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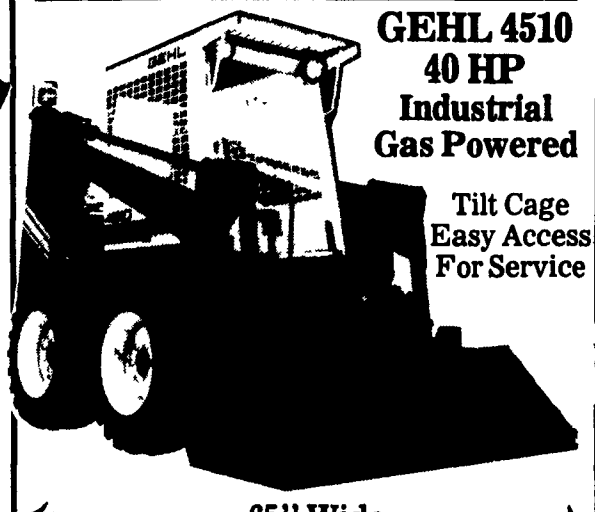

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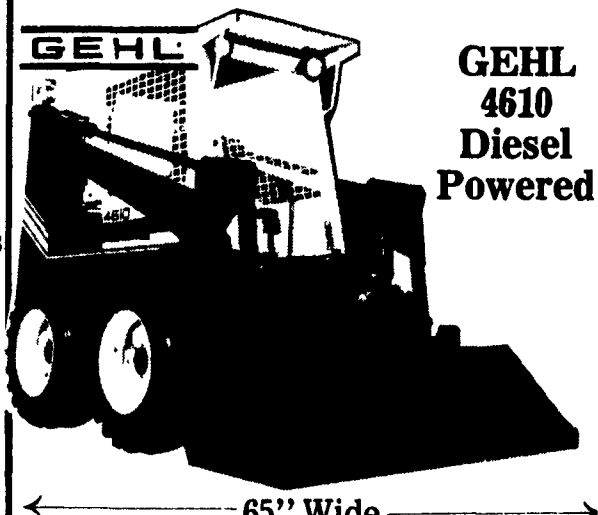
65" Wide
w/65" Bucket, 10.00x16.5 Tires
List Price..... $17,000 Plus
DISCOUNT SALE PRICE.... ~~$11,826~~

SELF-LEVELING SKID LOADER

GEHL 4610 Diesel Powered



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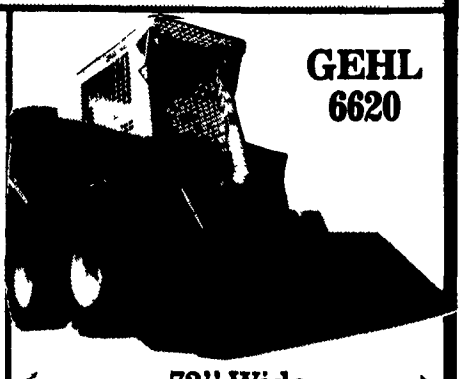
44 HP Diesel Powered Hydrostatic Drive, 10.00x16.5 Flotation Lug Tires, Factory Fresh, Just Arrived! List Price Over $19,000
YOUR SPECIAL CASH PRICE! ~~$12,907~~

GEHL 6620



72" Wide
Operating Capacity Of 2,050 Lbs.
- New Gehl Model 6620, 60 HP w/12.00x16.5 Tires And Hi-Capacity 72" Bucket, Standard Equipped w/Front Aux. Hydraulics & Working Lights

List Price $28,315 No. 1467
DISCOUNT SALE PRICE..... ~~$18,365~~

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HOW MUCH DO YOU VALUE YOUR HEALTH?

See Our Parts Dept. Today For More Information On The Best Protection You Can Buy Against Pesticides, Dust, Etc.

NEW

KASCO

Protective Helmets

All Kasco Helmet Systems Come Complete, Ready To Operate And With A 12-Month Limited Warranty.

For Orchard And Field Use

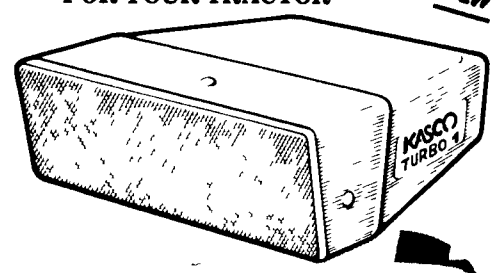
Don't Wait!
Call Our Parts Dept.: (717) 626-4705

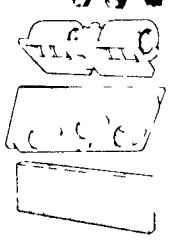
KASCO

TURBO 1 AIR FILTRATION UNIT FOR YOUR TRACTOR

NEW

For Use On Tractor Or Combine Cabs





FAN UNIT
- powerful
- noiseless
- 2 speeds

DIFFUSER
- adjustable air flow direction
- 2 position switch for fan unit control

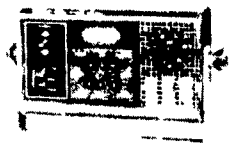
FILTERS
- Easy to install
- Type P for Dust
- Type AP for Chemical particles and vapours

SPECIALS ON STATE-OF-THE-ART DIGITAL MONITORS

Eliminates Guesswork From Your Crop Farming Operation

Complete Sprayer Control at an Affordable Price!

- Automatically Controls Flow
- Compensates for Vehicle Speed
- Monitors Spray Rate (GPA)
- Measures Volume Rate (GPM)
- Measures Gallons Applied
- Measures Speed
- Measured Area Covered (Acres)
- Manual Overide for Spot Spraying
- Pressure Gauge on Console
- Individual Boom Control Switches
- Easy Installation
- Easy Calibration



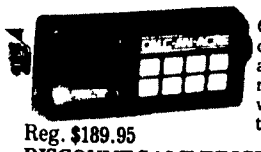
Reg. $995 **DISCOUNT SALE PRICE** **$845.75**

FLOW-TRAK MONITOR

Accurate monitoring of chemical application can significantly reduce chemical costs and insure better, more consistent results from your weed control program The Flow-Trak Sprayer Monitor combines precise measurement with ease-of-operation With the touch of a button you are provided with a direct readout of ground speed, distance traveled, area worked, application rate and the total amount of liquid chemicals or fertilizer applied

Reg. $495
DISCOUNT SALE PRICE **$445.50**

CALC-AN-ACRE COUNTER



Calc-An-Acre is a state of the art acre counter that accurately calculates and displays acreage with the touch of a button It incorporates a dual counting system that makes it possible to reset and record individual fields while maintaining a running total of area worked CALC-AN-ACRE is also a digital speedometer that provides true ground speed

Reg. $189.95
DISCOUNT SALE PRICE **$165.45**

ULTRASONIC GROUND SPEED SENSOR

Measures true ground speed - eliminates errors due to wheel slippage. Measures forward & reverse motions.

$395.00

UNVERFERTH-McCURDY

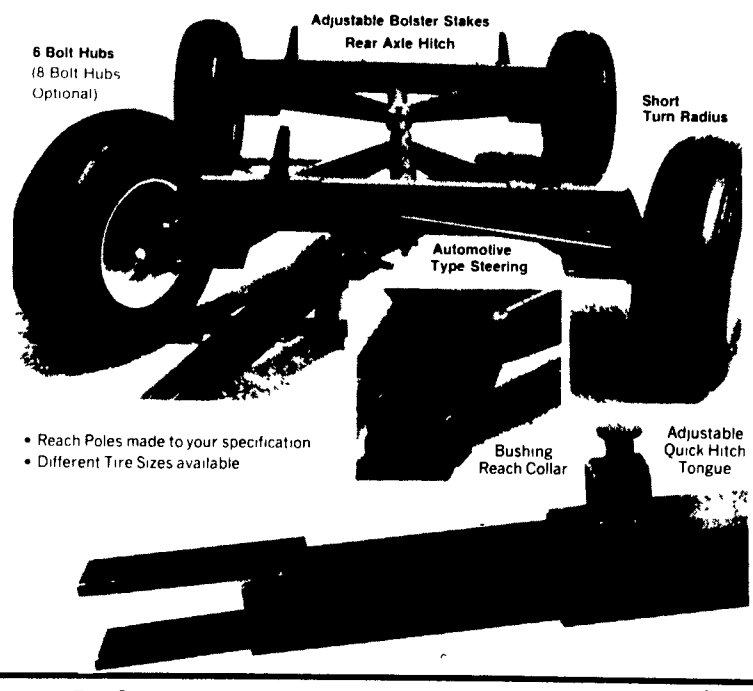
Implements For EFFICIENT FARMING

- Gravity Bins w/Fertilizer Auger Attachment And Truck Auger Attachment
- Single And Tandem Axle Running Gears
- Dual Wheels And Hardware
- Rolling Harrow
- Soil Conditioner
- Combine Header Transports
- Harogator® Attachments

Before You Buy, Check This Out And SAVE $ $ $!

NEW HEAVY DUTY WAGON GEARS IN STOCK

Field tested since 1965
Over 5000 in daily farm use



- Reach Poles made to your specification
- Different Tire Sizes available

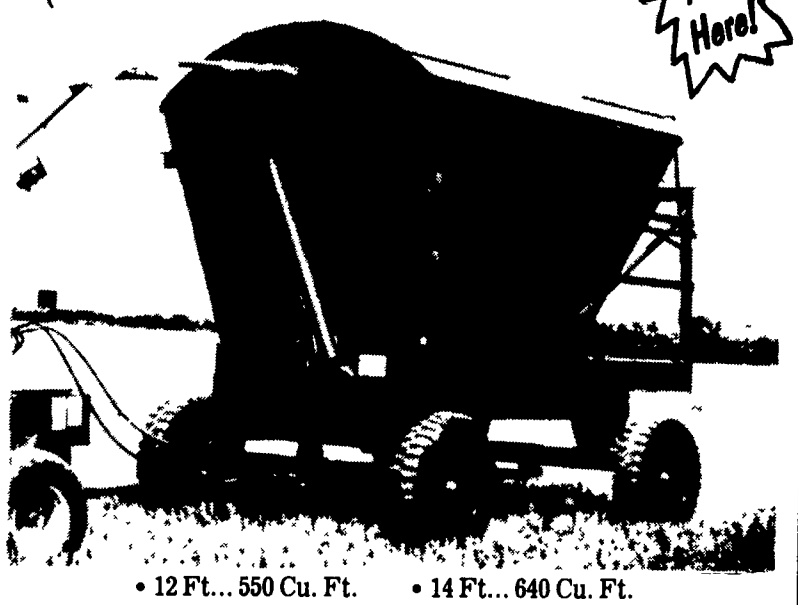
Prices Are Right -

Example:
8 Ton w/6 Lug Wheels, Ext. Tongue w/New 11Lx15 Tires/ Tubes

Complete
$675

RICHARDTON
MULTI-PURPOSE DUMP WAGON

They Are Here!



- 12 Ft... 550 Cu. Ft.
- 14 Ft... 640 Cu. Ft.

MAXIMIZE YOUR FEED QUALITY WITH HIGH SPEED FORAGE HARVESTING

Just a minute!

RICHARDTON
MULTI-PURPOSE DUMP WAGON

...And Your Richardton Dump Wagon will be unloaded.

That s right! From sun up to sun down you don't waste any time unloading a Richardton Dump Wagon In ONE MINUTE you can completely dump a full load (Model 1200-550 cu ft , Model 1400-640 cu ft) of forage, haylage or up to 360 bushels corn, grain or bulk fertilizer You can choose from Richardton's original Dump Wagon or the new tandem version with two model sizes and many attachments available

Don't wait any longer Make the Richardton Dump Wagon part of your operation and you will spend less time waiting and more time working Richardton the one minute machine!

We Have A Good Selection of USED FORAGE BOXES

TRUCK MOUNT HUSKY LIQUID VACUUM TANK In Stock

2,000 Gal. w/30" Rear Manhole, 4" Valve w/PN 10600 Vac Pump

Or Lease At **$5,750**
$183.00 per month
36 Mo. Residual Lease
Or Call For **CASH PRICE**

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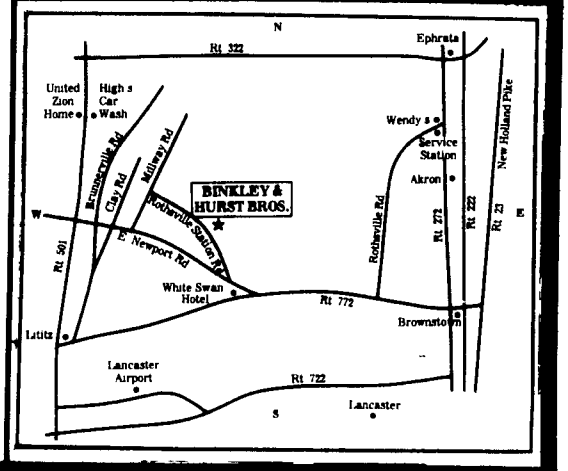
Used Tow-Behind Trailer

HYSTER 15 TON TILT TRAILER

- Good Rubber
- Good Deck
- Air Brakes



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Where farmers' ideas take root.

USED EQUIPMENT

MF 50 Tractor
MF 150 Tractor
MF SOLD ractor
MF 230 Tractor
MF 1130 Tractor
MF 275 Diesel Tractor
MF 2675 Diesel Tractor 103 HP.
MF 760 Combine
MF 860 Combine (900 Hrs.)
MF 57 Plow
JD F125 Plow
Ford IO-463 Plow
NI 245 Tandem Spreader

NEW EQUIPMENT

MF 270 Tractor
MF 1010 Tractor
MF 1020 Tractor
MF 1030 Tractor
MF 3525 Tractor
MF 3505 Tractor (Demo.)
MF 144 4 Bot. 16" Plow
MF 133 10' Chisel Plow
NI 660 For. Harv.
NI Spreaders
Snapper Mowers

Wheel Horse
Lawn & Garden Tractors

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New CL25 Skid Steer Loader w/Dsl. Engine
New TW 20 w/Cab, 4WD, Air
New 7710 w/Cab, Air
New 5610 w/Dual Power
New 4610 SU
New 3910
New 1910, 4WD
New 1310, 1510
New 1210 4WD

NEW HOLLAND

Used 36 Crop Chopper
Used 273 Baler
Used #7 Forage Box

NEW IDEA

New NI 406 Rake

OTHER EQUIPMENT

New Ford 241, 12' Disc Harrow
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12½' Field Cultivator
Used Ferguson T030
Used Farmall H
Used Farmall 350 Utility
Used JD 24T Baler w/Kicker
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

"NEW" NEW HOLLAND

38 Crop Chopper
311 & 320 Square Balers
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411 Disc Bine
NH Manure Spreaders
790 Forage Harvester

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2 inch and 2½ inch heavy duty, new surplus at a fraction of the original cost. 2,500' lengths coiled on 8' dia. wooden spools. 15 spools available. $1,000. a spool - spool included. or .40 cents ft., 1,000' minimum lengths. Delivered To Your Door. Credit Cards, or Personal Checks OK.
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TRACTORS
AC 190XT
AC 7000
AC 7020
AC 7040
AC 7080
AC 5040
MF 2745
MF 65
AC D17 w/Loader

MOWER CONDITIONERS
JD 1209
NH 489
NI 279 Cutditioner
Hesston 1010

BALERS
NH 855 Round Baler
NH 311 w/70 Thrower
NH 282 w/62 Thrower
NH Super 67 without Thrower
NH 68
NH 315 w/70 Thrower
NH 315 without Thrower

FORAGE EQUIPMENT
NH 1890 Hydro C/A w/3RN & PU Head, 550 hrs.
NH 892 w/4 Heads
NH 770 w/WPU
NH 28 Blower
NH 30 Blower
JD 3960 w/3RN & WPU
JD 5400, 3RN & WPU
Field Queen w/3RN, 2RW & WPU
Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

COMBINES
AC F w/Grain Head
AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2 Combine

MOWERS
NH 463 Disc
Triumph Sickle Bar
JD & Oliver
Wood 121

PLANTERS
JD 7000, 8R
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
AC 333, 6RN

MISCELLANEOUS
NI 325 Corn Picker
AC 2500 Disk
1966 True Trailer
NH 90 Bale Handler
IH 4R Cultivator Rear Mtd.
NH 1044 Bale Wagon
Brillion 9' Chisel Plow

LAWN & GARDEN
AC 811 w/Mower
Woods 1250 Front Runner
Cub Cadet w/Attachments
Cut SOLD t 782
AC 830
B SOLD
Homesteader 208

RAKES
Deutz Fahr 4 Wheel SOLD
NH 258
N SOLD
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SPREADERS
NH 519
NH 329

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Immediate Financing
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NEW 3 PT. FARM EQUIP.
* 1 & 2 Bottom Plows
* Discs 4' - 8'
* Blades 5'-8'
* Box Blades 4'-8'
* Stone Rakes 6'-8'
* Post Hole Diggers
* 1 Row Cultivators
* Dirt Scoops
* Boom Poles
* Rear Carriers
* Wood Saws
* Fertilizer Spreaders
* Concrete Mixers
* Field Cultivators
* Potato Plows
* Hay Rakes & Tedders
* Rotary Mowers 4'-7'
* 4'-6' Finish Mowers
* Bale Carriers
* Sickle Mowers
* Rototillers
* Log Splitters
* Power Winch
* 8 Ton Wagon Gears
* Tilt Trailers
* Double Axle Trailers
* Construction Trailers

DEALERS WANTED
KUTZ FARM EQUIPMENT
Pine Grove, PA
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COMBINES
JD 1975, 7700 w/215 Flex Head
JD 6620 w/643 Corn Head & 216 Flex Platform
JD 7700 Hydro, Rotary Screen, 15 ft. Platform, 1971
JD 7720, 1400 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style

TRACTORS
AC 5015 w/3 pt. Mower
IH Cub 154 Loboy
IH Farmall H
JD 950 w/Belly Mower
JD 1050, 33 HP
JD 2940, No Cab

PLANTING EQUIP.
AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 1440 4 R No-Till Planter
JD 7000, 8RN No-Till Liq. Fert.
JD B Drill 17x7

MISC.
JD 3800 Forage Harvester
IH 435 Baler
20.8x38 Duals

Cooper Ent., Inc.
Cecilton, Md.
301-275-2195
JOHN DEERE

After The Ryelage Is Off, You Should Open Your Hardpan With This M&W® V-Chisel

Improve yields by breaking up the compacted barrier which limits root growth The M&W V Chisel uses a parabolic shank design which lifts soil to shatter it so less power is required The M&W V Chisel is available with manual reset or automatic reset shanks both with reversible points Gauge wheels and coulters are available See your M&W Representative today for more information

In Stock

• 3 Shank w/Wheels, Auto. Reset, 36" Shank **$3,450**

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SEE US NOW FOR NEW TRAILERS IN STOCK AT DISCOUNTED PRICES

Eager Beaver 35GHG/BR — 35 TON DETACHABLE GOOSENECK
BEAVERTAIL + RAMPS 35GHG/BR
Demo In Stock

Capacity 70,000 lbs at 40 MPH
Trailer Weight 15,600 lbs
Overall Length 41'1
Overall Width 96"
Deck Length 20
Deck Width 96'
Deck Height 26"
Tires (8) 255/70R22 5

Eager Beaver 20HA — 20 TON HEAVY AIR BRAKES 20 HA

Capacity 40,000 lbs at 50 MPH
Trailer Weight 7,050 lbs
Tires (8) 8 25 R 15 (G) Radial
Overall Length 27'6"
Overall Width 96"
Deck Length 22'
Deck Width 96"
Deck Height 37"

Eager Beaver — 10 TON MODEL 10HA TRAILER With Air Brakes

- Capacity 20 000 lbs at 54 MPH
- Trailer Weight 5 800 lbs
- Overall Length 24 6
- Deck Width 96
- Deck Height 32
- Tires (8) 8 75x16 5 F
- Overall Width 96
- Deck Length 20

EAGER BEAVER B9DOW 9 TON DECK-OVER-WHEELS/ DISC WHEELS - BUDD WHEELS

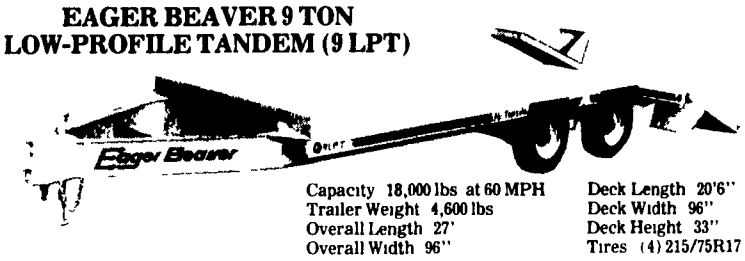
Capacity: 18,000 lbs at 60 MPH
Trailer Weight 4,600 lbs.
Overall Length. 26'6"
Overall Width 96"
Deck Length 20'
Deck Width 96"
Deck Height 33"
Tires (6) 9 50x16 5 (E)

Just Arrived... Special Model For Air Brake Trucks

9 TON DECK-OVER-WHEELS 9 DOW

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control.

EAGER BEAVER 9 TON LOW-PROFILE TANDEM (9 LPT)



Capacity 18,000 lbs at 60 MPH
Trailer Weight 4,600 lbs
Overall Length 27'
Overall Width 96"
Deck Length 20'6"
Deck Width 96"
Deck Height 33"
Tires (4) 215/75R17 5 (H)

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Currently Dismantling Tractors For Parts

Oliver 1950 (4WD), 1855, 1850, 1750, 1650, 1450; AC D19, 200; MM 5 Star, 602, Jetstar 3, 670, G 1000 Vista; Ford 6000; JD 520; MF 1080, 178 & 175; IH M 584, 706, 544; MH 44; Case VC.

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Will Ship UPS
No Out Of State Personal Checks

WF HESSTON CORPORATION

USED EQUIPMENT

New White 5100 4R No-Till Planter
NH 488 Haybine
IH 700, 5x16 Reset Plow
Bush Hog 5', 6 & 7' 3 pt. Rotary
Hawk Bilt 357 Tandem Spreader
NI 323 Picker
Vermeer Rd. Bale Unroller
Industrial SP Ditching Machine

Choice Of
Used Lawn Tractors

STOLTZFUS FARM SERVICE
Cochranville, PA
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IH 1566
Haines 246 Seed Cutter
(2) JD 2800, 7B Plows
JD 2500, 6B Plow
IH 720, 5B Plow
IH 12' Offset Disk
Case 16' Offset Disk
IH 24' Offset Disk
(3) JD 30 Potato Diggers
(2) JD Cultivators
Haines 24', 20', 18', 16', 14' Potato Body w/Grain Pan
Ford F800, 10 Wheeler w/14' Haines Potato Body
Brillion 20' Cultimulcher
Ford F800, 16' Potato Body
JD 335 Disk, 21'

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For Sale Tanks - Irrigation
Storage and Transport Tanks - Horizontal, Vertical 25 gal. - 2500 gal. Liquid handling products, pumps - valves, hose, couplings. Used irrigation pipe delivered to your farm, 2" through 8" available. 1500 ft. wade-rain pipe and fittings used No. 30-40-70-80-100 Rain Bird sprinklers in stock. You save when you call

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Frey's Dairy Garage
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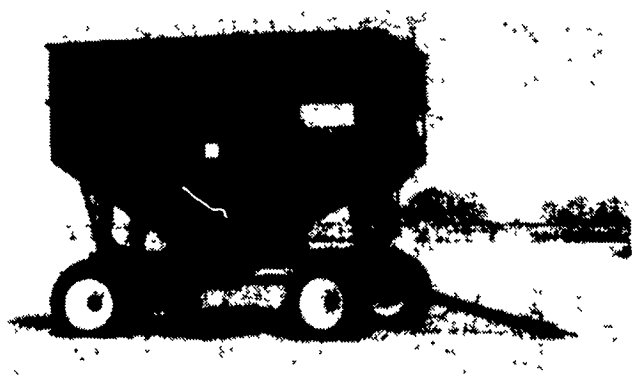
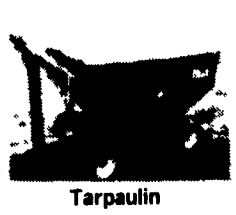
A FULL LINE OF GRAIN BOXES DESIGNED FOR LONG LIFE AND EASY HANDLING

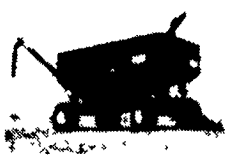


Consider these labor-saving options

Side Extensions

Grain Saving Door


Tarpaulin


Hydraulic Augers

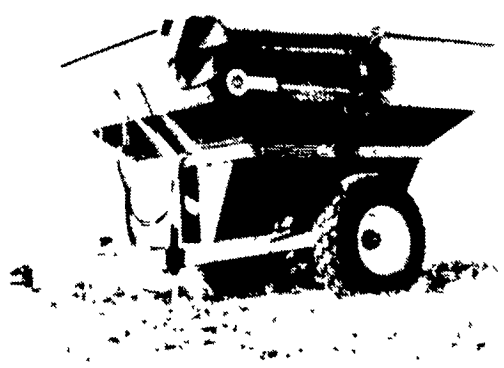
Side Extension Ladders

Corn Chute

UNVERFERTH
HEAVY DUTY GRAIN CARTS
In Stock Now At
BINKLEY & HURST BROS., INC.
CALL (717) 626-4705

Capacities:
Choose the 475 bushel GC4900 or the 600 bushel GC 6400

Compare These Features:



- Low-profile design
- Slip Plate hopper coating
- Hydraulic auger lock
- Side-mounted, forward folding auger
- Axle torque bars
- Movable, 2½" drop-leg jack with 7,000 lb. capacity
- Complete coat of primer, inside and out
- Shear-pin equipped oscillating hitch
- Non-skid safety steps
- Heavy tube frame construction
- Continuous, ¼" auger flighting
- Interchangeable, bolt-on axles
- High speed unloading
- Continuously welded auger tube
- Weep hole in box members
- Twelve-inch auger with adjustable damper
- Center dump gate
- Spring-loaded bearing in auger to assure precise inside alignment
- Cast iron gearbox with precision-ground gears
- Drive line slip clutch
- Rigid ⅛" steel mating plates at auger hinge point
- Hopper sight glass
- Inside steps
- Safety screen over auger pit
- Durable, 3/8", high-pressure hydraulic tubing and hose to tractor

Every Unverferth grain cart is fully tested before it leaves the factory to ensure top-flight performance every time out.

In Stock: MODEL GC 4900
475 Bu. w/18.4x26 10 Ply Tires
List Price Over ~~$7,750~~
DISCOUNT
SALE PRICE ONLY $5,695

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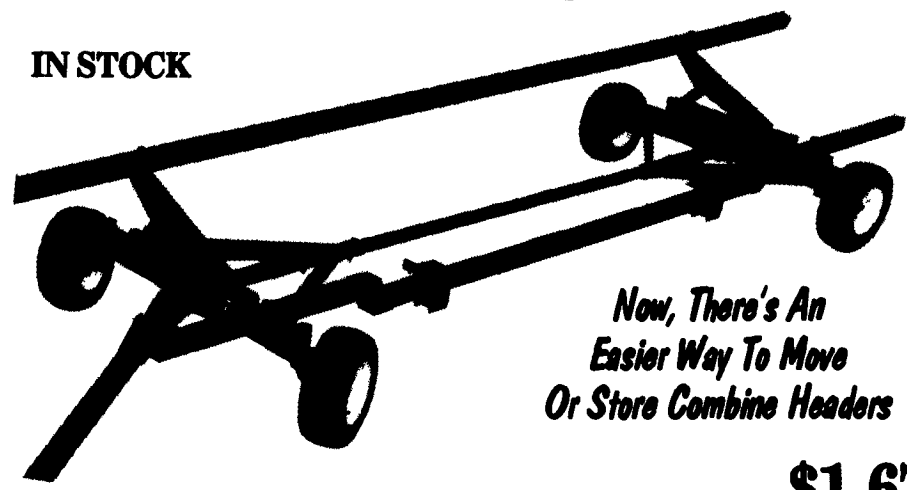
COMBINE HEADER TRANSPORT

Fits grain platforms and corn heads

IN STOCK



Now, There's An Easier Way To Move Or Store Combine Headers

Setup Complete w/Tires

SPECIAL $1,675

Here & Ready To Work...
PULL-TYPE HAY TEDDER w/9 FT. SWATH
ONLY $895

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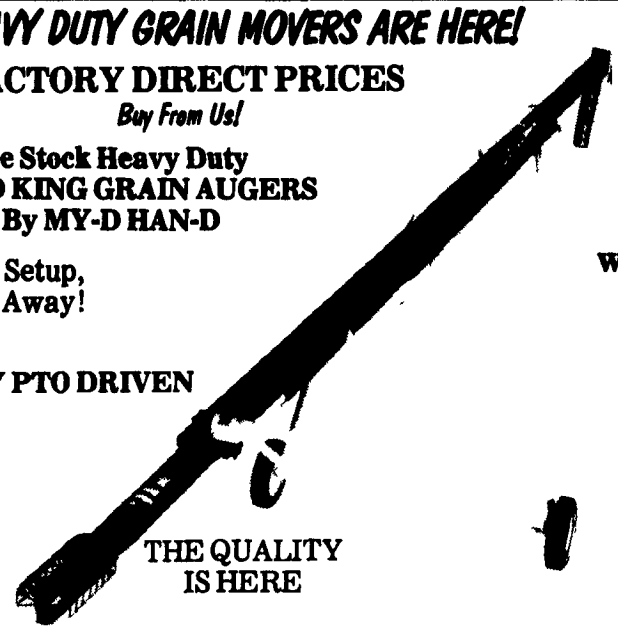
Buy From Us!

We Stock Heavy Duty SPEED KING GRAIN AUGERS By MY-D HAN-D

Prices Include Setup, Ready To Tow Away!

HEAVY DUTY PTO DRIVEN
- 6"x41'
- 6"x46'
- 8"x46'
- 8"x53'
- 8"x60'
- 8"x65'
- 10"x51'



THE QUALITY IS HERE

PTO DRIVE w/DOWNSPOUTS AND HOPPERS

They Are Here... Place Your Order Now While The Selection Is Good!

Check Out These Good, Used New Arrivals

- JD 8200 18x7 Grain Drill w/Grass Seed Attachment, Very Clean UM1214 ..... **Only $3,350**
- JD 8300 Grain Drill w/Grain & Fertilizer, Double Disk Openers, 18x7, UM 1213 ..... **Only $3,450**
- JD Model 1630 12 Ft. Transport Disk w/Dual Wheels, 10" Blade Spacing, Adjustable Blade Angle Setting, Heavy Duty, UM 1212. ..... **Only $2,975**
- New Holland Model 26 Blower, In Good Condition ..... **Only $695**
- Special On New Left Over 12 Ft. Dunham Cultipacker w/17" Rollers **$1,475**
- 3 Badger Forage Boxes On Tandem Axles Running Gears w/ 3 Beaters & Roofs ..... **Priced To Sell!**
- New Holland #8 Forage Box w/3 Beaters & Roof on McCurdy Tandem Axle Wagon, Very Good **$4,750**

NEW EQUIPMENT

WHITE-
- 2-55 4WD Tractor
- 2-110 Tractor w/Cab
- 2-88 Tractor w/Cab
- 598 5/6 Bot. Plow
- 435 10 Ft. Conserv. Chisel Plow
- 5100 4-Row Planter w/Dry Fert.
- Field Boss 16 Compact Tractor, 4WD
- Field Boss 21 Compact Tractor, 2WD
- Field Boss 31 Compact Tractor, 4WD

KUHN-
- 10' 2 Pull Type Tedder
- 11' 6 Rake & Tedder
- 17' Pull Type Tedder

GEHL-
- BU970 For. Box
- FB 1580 Blower
- DC 2330 Disc Mower Cond.
- MX100 Grinder Mixer
- MF 309 Spreader

NEW IDEA FARM EQUIPMENT

NEW IDEA-
- 272 Cutditioner

USED EQUIPMENT
- Int. 47 Baler w/Thrower
- NI No. 10 Cornpicker
- NI No. 212 Spreader
- Gehl FB99 Blower, Reconditioned
- Landoll Soil Master Model 275, 8 Ft. 9"

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

DEUTZ ALLIS

NEW TRACTORS & EQUIPT
- Deutz Allis 6275 73 HP 12F 4R trans Dual Remotes
- Deutz Allis 7120, 120 HP Cab, Air, Heat

SPECIAL OF THE WEEK
[illegible]

- Deutz-Allis 7085 85 HP, Safety Frame
- Deutz-Allis 5220, 21 HP, 12F-4R trans, turf tires
- Deutz-Allis 6265, 65 HP 12F-4R Trans
- SM40CR Mower Conditioner
- GP 2 30 Round Baler
- KH 500 17' rotary teddders
- KH-300 9'10" rotary teddders
- KS-85DN 9'10' rotary rake
- KS 150AS 10'10" rotary rake
- Good Selection of Lawn & Garden Tractors

USED TRACTORS & EQUIPT.
- DX-160 Radials, Cab, Air, Heat
- MF Ind Tractor & Loader, Shuttle Shift, $5,900
- AC WD-45 w/Plows, nice Priced to Sell
- IH Cyclo Air Planter, 4R, No-Til
- HD 460 Square Baler w/Thrower, Excellent Shape, $5,900
- JD 1209 mower conditioner, stub guards $3,500
- JD 112 Lawn Tractor w/Mower
- Deutz Basic F2L-912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

Stauffer Diesel Inc.
RD 3, Box 659-B
Pleasant Valley Rd.
Ephrata, PA
PHONE 717-738-2500

HORST GROUP / power pro equipment

New OMC Mustang Skid Loaders In Stock

USED EQUIPMENT

NI 214 Spreader $500

New BushHog 12 Ft. Disk Harrow, 1 Only $3,600

Owatonna Model 1700 Skid Loader
Farmall M Tractor
Cub 154 Low Boy w/Belly Mower & Dozer Blade
Thomas Skid Loader
IH Model 2250 Loader w/Bucket & Manure Fork
OMC Model 440 Gas Skid Loader

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DEUTZ ALLIS OMC
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Our Mat Prices Have Dropped Considerably And Its To Your Advantage.

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Ph: 717-299-2536

NEW EQUIPMENT

TRACTORS
- JD 755, 2WD
- JD 655, 2WD & 4WD
- JD 850 2WD & 4WD
- JD 900, HC
- JD 1050, 2WD
- JD 4250 MFWD, SG, PS

PLANTING EQUIPMENT
- JD 7000 Cons. Pltr. 6R
- JD 71 Flex Planters

TILLAGE EQUIPMENT
- JD 2800 5B Plow
- JD 215 11'5" Disc
- JD 712 Mulch Tiller, 13'

OTHER EQUIPMENT
- JD 1065, 1075 Wagon
- JD 716A FG. Wagon

HAY TOOLS
- JD 1219 Mower Conditioner
- JD 327 & 347 W Baler

USED EQUIPMENT
- MF 275
- IH 706
- AC 200 w/Cab
- Long 445 Tractor
- JD 16' Grain Platform
- Fox 3000 Fg. Harv.
- JD 346T Baler w/Thrower
- NH 310 Baler w/Thrower
- NH 268 Baler w/Thrower
- NH 311 Baler w/Thrower
- JD 4400 G Combine
- JD 444 Corn Head
- Ford Sickle Bar Mower
- Kuhn 6' Sickle Bar Mower
- Gehl 1090 Mower Conditioner
- JD 215 Disk Harrow, 14'3"

WAIVER OF INTEREST ON MANY ITEMS

I.G. SALES

DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
JOHN DEERE
Quonset Buildings

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IH 986 Just Overhauled

SELLING FOR THE FAMILY OF DECEASED OWNER
JD 6620 Sidehill Combine w/15' Flex Head
JD 400 Bushel 210A Grain Buggy

- JD 730 Dsl
- 1982 IH 5088
- Ford 8600, Cab, Air
- JD 620
- NI 709, 4WD Power Unit
- JD TWA Plowing Disk, 14'
- Uni 708 w/737 Husking bed, like new
- Uni 844N Head
- Several sets of 38" axle mount duals for IH

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Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros Garage, Refton

TRACTORS

IH 856, WF, 3 PT, 2 shafts, TA, partial cab, $5750
Farmall Super M, live HD, P/S, hyd. valves, $1350
Oliver 1800C Series, diesel, 18.4-34" rubber, $2500
Farmall M, real good, $900

PLOWS

JD 1450, 5-16" semi mount, $1050
IH 550 3-16" semi mount, $750

WHEEL DISC

IH 37, 12' good, $650

CORN PLANTERS

AC 4R 600 no-till, air champ, $600
Ford 309 3 pt. 2R, $350

BALERS

JD 24T with thrower, A-1, one owner, $1250
NH 269 with thrower, good, $1250
IH 37 with thrower, $550
NH 276 with Super Sweep #58 thrower $2450
NH 276 with #58 thrower, $1650

MISC.

NH 469 Haybine, $750
20' 2 Axle Tag-Along Trailer, $850
56 NH Hayrake, $750

Balers For Parts

Keiter's Used Farm Machinery
Robert L. Keiter
R.D. #2, Box 453 (Carsonville)
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Rts 309 & 100
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Sat 7 30 A M -4 00 P M

BRANCH
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SALE ON PLOWS, DISKS AND FIELD CULTIVATORS SAVE FROM 30% TO 50% DEPENDING ON MODEL or LOW FINANCE AVAILABLE!

TRACTORS
- AC 7080 D w/cab, air/heat, excell!
- AC 7060 D PS w/cab, air/heat, only 1400 hrs.!
- AC 7050 D w/cab, air/heat
- AC 7030 Dn w/cab, air/heat
- AC 7020 D PS, w/cab, air/heat
- AC 190 D, excellent!
- AC 185 D, excellent!
- (2) AC D19 D
- AC D19
- AC D17 D
- AC WC
- AC CA
- Farmall 460 D
- Ferguson 50 w/loader
- Oliver 1550
- Oliver 500 D
- Oliver 1755D
- JD 4020 w/Power Pack
- JD 4020 D w/WFE
- JD 4010 D w/WFE
- JD 3010 D
- JD 720
- JD 60
- IH 3200A Skid Loader

MANURE SPREADERS
- NH 791 w/hyd. endgate, 360 BU.
- NH 676 w/hyd. endgate, 320 BU.
- NH 675 w/endgate, 300 BU.
- NH 518, 220 BU.
- NI 214, Liq. pan, 210 BU. A-1!
- NI 218, w/hyd. Endgate, Tandem, 300 BU
- (3) NI 213, 177 BU
- IH 550 w/endgate, 200 BU

COMBINES
- (1978) AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads
- (1977) AC Gleaner F2 D w/13' grain & 438 corn heads
- AC Gleaner E w/cab, 13' grain & 238 corn heads
- AC Gleaner F w/cab & both heads
- IH 315 w/cab, grain & corn heads
- MF 750 D w/cab, air/heat & 630 corn head
- NH 975 Gas w/cab & both heads
- JD 3300 Cab w/Air/heat, 10' grain head & 238 corn head, EX!
- NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
- NI Uni-System 702 w/717 combine, 4-row corn head
- NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent!

MISC.
- Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!
- Allied Loader w/80" Bucket for AC 180

TILLAGE
- Oliver 6B Plow, semi-mount
- Ford 3B Plow, 3 pt.
- Brillion 961 8' Seeder, pull type
- IH 11 Shank 3 pt. Field Cultivator
- JD 1000 12' Disc w/Trans Harrow
- JD 17 Disc Grain Drill
- (2) IH 11' Transport Disc
- (2) MF 4B 3 Pt. Plow
- (3) AC 600 4R No-Till Corn Planter
- (2) AC 600, 6R No-Till Corn Planter
- IH 46, 4R Planter
- JD 494A, 4R Corn Planter

HAY EQUIP.
- NH 69 Baler
- NH 282 Baler w/thrower
- (2) NH 271 Baler w/thrower
- NH 270 Baler w/thrower
- NH 68 Baler w/thrower
- NH 78 Baler w/thrower
- MF 12 Baler
- IH 440 Baler w/thrower
- IH 46 Baler
- IH 45 Baler
- AC 443 Baler
- AC 444 Baler w/thrower
- JD 14T Baler
- NH 460 Haybine
- NH 469 Haybine
- NH 479 Haybine
- MF 489 Haybine
- MF 81 Haybine
- AC 904 Haybine
- (2) Hesston 1014 Hay Cond
- Hesston PT10, 9' Haybine
- Hesston PT7, 7' Haybine
- MC 7' Rotary Scythe
- NH 258 Rake
- NH 256 Rake
- NI Rake
- NH 450 3 pt. Sickle Bar Mower

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ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

NH flail chopper #38, real nice
Ten sections of 8' concrete bunk feeders
38 metal free stall dividers
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Used Prime Mover Skid Loader

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POOL PUMP SALE

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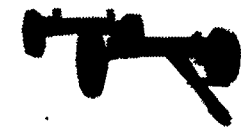
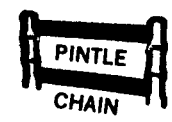
Pg. C-34

ZIMMERMAN

HAY TEDDER
Call For Prices



WAGON GEARS
8 Ton Gear $440
10 Ton Gear $590
12 Ton Tandem .. $895
W15"x8" Rims, 5' Tongue
5"-7" Adj. Tongue Add $30
T-Bar Det. Chain
T-67 ..... $.58
T-67 Att $1.15
Steel Detachable Conveyor Chain



Forage Box Conv. Chain

New Holland
#8 ..... $242.50
Gehl 960 ..... $232.50
Other Makes Available
Call For Prices

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Voganville Rd., Rt. 1
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GET YOUR MAXIMUM DISCOUNT NOW ON THIS NEW MACHINERY

Case 2096 tractor, 115 horsepower
IH 475 tandem disk harrows
Gehl 2160 mower conditioner, 9' cut
Gehl 1580 forage blower
New Idea corn planters
New Idea 364 manure spreader, 11 ton
New Idea 484 round baler
New Idea hydraulic rake, 9'6"
New Idea 3 pt. hitch disc mowers
New Idea 7' cutditioner

PRE OWNED TRACTORS & EQUIPMENT

Allis Chalmers C
Case 1070
Case 10T Chisel
Gehl 880 Haybine
Gehl 1580 Blower
OMC 217 Haybine
JD 5 Bot Plow
2 Row Transplanter
JD Corn Planters
IH Corn Planters
JD 400 Grinder Mixer
IH 1250 Grinder Mixer
NH 675 Spreader
NI 224 Spreader
IH 241 Round Baler
NI 404 Wheel Rake
JD 66 Blower
IH Bar Rake
NH 518 Spreader

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BUSH-HOG · NEW IDEA · GEHL Gets into your system · case IH · HEDLUND MARTIN

All Oak Bale Wagon Racks

18'L - 9½'W - 7½' H painted
8 ton 86" wide track gear
Adj. tong 11-L tires and tubes

Legal on Highway $1,280
18'L - 8'W - 7½' H Painted $550
without Paint $510
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8 Ton Gear, Used Tires/Tubes $485

Ivan Z. Hoover
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Ephrata, PA 17522
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JD 4630 Tractor w/Cab
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JD 2440 Tractor
JD 650 Tractor
Ford 3000 Tractor w/Front Blade
IHC 856 Tractor
Case 770 Tractor
JD 40 Tractor w/WF
JD 24T Baler w/30 Ejector
JD 1240 Corn Planter
JD 7000, 8R Folding Planter w/Liq. Fert.
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
Bush Hog 160 Rotary Mower
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons. Planter w/Liq. Fert.
JD 7000, 6R Cons. Planter
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 640 Rake
JD 660 Rake
JD 1217 Mower Conditioner
JD 1209 Mower Conditioner
JD 33 Manure Spreader
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
(2) Used Hay Wagons
Used Hay Wagon

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
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KUHN

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	List Price	SALE
GF 22 NT, 10'2" pull type tedder	$1,815.	$1,375
GRS 24 10',3 pt. hitch combination rake tedder	$2,020.	$1,600
GRS 25, 11'6" 3 pt. combination rake tedder	$3,420.	$3,100
GA300 GM 10'6" 3pt. hitch rake	$2,100.	$1,650
GMD 66, 7'10" Disc Mower	$4,500.	$3,400
FC 300 GD, 10' mower conditioner with swivel hitch	$12,605.	$10,400

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USED FARM & LAWN EQUIPMENT

AC 720, 20 HP Tractor w/mower, rototiller & snow thrower, like new
AC 7R no-till soybean planter
(2) JD 160 Mid Mount Mowers for JD 650 & 750 Tractors
Herd F160 Spin Spreader 3 Pt.
Power-Flo Collection System For 46" Mower - 300 Series Tractors

NEW EQUIPMENT IN STOCK

JD 25A Flail Mow SOLD
JD 1000 2 Btm. Plow
Bush Hog 5-6 Ft. Rotary Cutters
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Hardi-TR53 53 Gal. Trailer Sprayer
Hardi-NL-80 80 Gal. 3 Pt. Sprayer
Hardi- BL-25 25 Gal. 3 Pt. Sprayer

SPECIAL SALE PRICED ITEMS

Herd F160 3 Pt. Spin Spreader
List $420.00 SALE $360.00
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Model R-70 8 HP w/30" Mower w/Free Grass Bag
List $1495.00 SALE $1,095.00
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Martinsburg, PA
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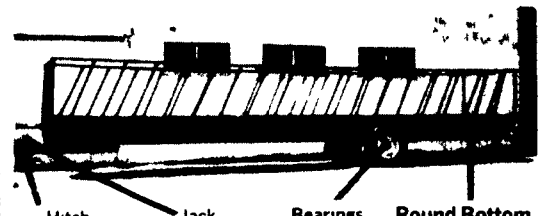
JD 2840, excellent	$9,000
JD 2640, late model, low hrs.	$11,500
JD 2630, Excellent	$8,000
JD 4030 cab, air	$10,500
JD 4320 .... SOLD	$8,500
JD 4230, cab & SOLD	$12,000
JD 4230, power shift, excellent	$11,000
JD 4020, 38" Rubber	$7,000
JD 4020, side console, power shift	$8,500
JD 4020, 68 model	$6,000
JD 620, Sharp	$2,750
White 2-155, cab & air	$12,000
White 2-150, cab & air	$8,000
White 2-105, excellent condition	$8,500
Oliver 1855	$6,000
Oliver 1650, new rubber, 2,200 hrs.	$5,500
MM 1355	$5,750
AC 7000	$6,750
MF 285 w/cab	$8,000
MF 1135	$6,500
Ford 5000, excellent	$6,500
IH 806 gas. ..... SOLD	$2,500
Cat D6C, power shift	$25,000
White 5 btm. auto reset plow, like new	$2,500

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch — Side away hitch to prevent cattle from injury
Jack — Fold up bulldog for easy hookups
Bearings — Tapered roller bearings for long lasting & easy towing
Round Bottom — No corners for feed buildup

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor

Priced At
24'–$695
30'–$825

LEROY ZIMMERMAN
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717-859-3869

1500-gal. Tank Will Load in Approx. 1½ Min.

Check These Outstanding Features on the SLURRY BUGGY

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- Tanks are made of 5/16 thick metal
- Large air cooled vacuum pump
- Pump has not only a primary trap but also a large secondary moisture trap
- Pump has an air precleaner
- A 6 inch hydraulic operated brass valve for unloading
- Has 3 different manure spreading patterns
- Tank has a float level indicator and signt glass
- A 20 inch rear manhole for easy access to tank

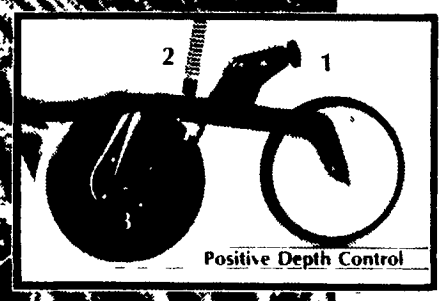
Optional Features:
Heavy Duty tool bar with tooth spring loaded injection
6-inch side valve large flotation tires

Farmers...rebuild your old spreader with our new pumps and accessories

We have spreaders to rent -- 1500 & 2900 gallon.

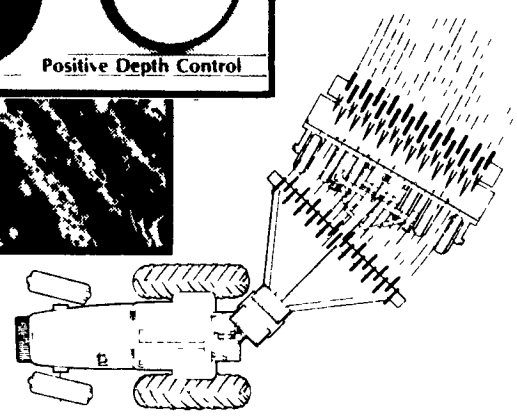
SLURRY BUGGY EQUIPMENT
R.D. 2, Box 148 Ephrata, Pa 17522
(717) 859-3869

You Won't Find A Better No-Till Drill Than GREAT PLAINS



Great Plains Solid Stand drills have the planting accuracy drilled soybeans need;
(1) Depth-Gauging Press Wheels keep the opener from penetrating too deep; planting depth can be quickly changed with exclusive dial-a-depth adjustment system. (2) Double Down-Pressure Springs hold opener firmly in the soil — preventing the bouncing action which leaves seed scattered on top of the ground.

(3) Special Seed Chute places seed in the very bottom of the v-slot, rather than allowing slot to partially close prior to seed release.



THE NO-TILL HITCH THAT WORKS

Here's why:
A unique pivot between the coulter unit and the drill allows each disk opener to track exactly in the slot cut by the coulter in front — even while the unit is rounding a curve.

Excellent penetration is also achieved, thanks to a heavy-duty framework, calcium-fillable transport tires, and a special weight transfer design which applies some of the weight of the drill itself to the coulters. Should additional weight be needed, specially designed weight brackets are available which accept most tractor suitcase-style weights. In all, up to 400 lbs. of weight per coulter is possible — ensuring penetration even in the toughest ground.

Finally, all Combination Drill Hitches feature a quick hitch for attaching easily to 3-point drills. So you have the flexibility to no-till some acreage, then switch back to a conventional seeding method as conditions vary.

COMPARE PERFORMANCE! COMPARE PRICE!
YOU'LL BUY A Great Plains NO-TILL DRILL

USED EQUIPMENT

USED PLOWS & CHISEL PLOWS
- IH 540 Plow, 4 Bottom, 16", Semi-Mount, Shifting Hitch (T1851)
- Landoll, 15 Shank Folding Slicer Chisel, Trailing, Field Ready For Your Spring Tillage (T1960)
- IH 311 Plow, 3 Bottom, 14", 2 Pt. Hitch (T9872)
- MF 82 6F-16" Plow (T1025)
- JD 2500 6 Bottom 18" Hyd. Reset (T2198)
- IH 5500 3 Pt. Chisel, 11 Shank (T2483)
- Brady 7 Shank, 3 Pt. Chisel (T2535)
- JD 5F-16", Auto. Reset, Semi-Mount (T2526)
- JD Subsoiler, 3 Pt., 3 Shank

USED DISC HARROWS
- Athens 131 Tandem, 14', 9½" Spacing, Cylinder, Blades Good, Excellent Condition (T1556)
- Deere 111 Tandem, 10' Excellent Finishing Disc (T1602)
- IH 470 Folding Tandem, 18', Manual Fold, Cylinder, 2-Bar Midwest Mulcher (T1699)
- IH 501 Cutting Tandem, 13', 10½" Spacing, This Is A Heavy-Duty Disc (T1824)
- Deere 330 Folding Tandem, 20', Cutting, An Inexpensive Heavy-Duty Disc (T1950)
- Miller Folding Offset, 20' Single-Wing, Spacing - 9½" Front & 10½ Rear, Dual Wheels, Heavy-Duty (T2044)
- Bush Hog Tandem, 10' Heavy-Duty (T9109)
- Sunflower, GR-29 Flex-Wing Tandem, Heavy-Duty, Double-Offset, 9" Spacing (T9415)
- Bush Hog 12' Tandem, 9" Spacing, Good Inexpensive Disc (T9847)
- Krause 4921 Disc, 18' Rockflex, Used 1 Yr. (T2378)
- MF 52 12' Disc, 16" Front, 17" Rear (T2365)
- IH 490, 24' Tandem, 9" Spacing, 18½" Front & 19" Rear Blades (T2469)
- Krause 2416 Cutting Disc, 26' Tandem, 19½" Front & 20" Rear Blades (T2380)
- Oliver 16' Disc, Manual Fold Wings - Buy for Center Section @ 12' CHEAP (T2337)
- Rhino 131 Disc, 13' Cut, 9½" Spacing, 23" Front, 24" Rear Blades (T2238)
- Athens 83 10' Disc, Size 19" Frt., 21" RR, Cyl. & Hoses (T1604)
- Deere 310 Disc, 12', 11" Spacing, Dual Tires, 22½" Front, 22" Rear Baldes (T2352)
- Bush Hog 21' Disc, Tandem (T2393)
- IH 470, 18' Tandem, Flex-Wing, 18" Front & 20" Rear Blades (T2516)

USED TRACTORS
- IH 966 Diesel, Gear, TA, 18.4x38 Tires, 1000 & 540 PTO (W1439)
- Versatile 160 4 WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)
- IH 3588 2+2, Rear Duals, TA, AC, 540-1000 PTO (W2244)
- IH 3588 2+2, TA, AC, 18.4x38 Tires - 65*. 1200 Hrs. (W2239)
- IH 5488, '82, 1918 Hrs., AC, 4 Remotes, 12.8x38 Duals - 90% (W2177)
- IH 5488 AWD, 347 Hrs., AC, 18.4x42 Rear, 16.9x28 Front Tires - 85%, 1000 PTO (W2309)
- IH 1566 w/Cab, AC, 20.8x38 Duals, TA (W2254)
- IH 1206 w/Cab, AC, TA, 23.1x34 Tires, 540-1000 PTO (W1670)
- IH 1066 Turbo, 18.4x38 Duals - 90% (W1316)
- IH 886 w/Gear, Cab, AC, TA, 18.4x34 Tires - 85%, 540-1000 PTO (W2391)
- IH 4386 All Wheel Drive, Gear, AC, 18.4x38 Tires, 1990 Hrs. (W2468)
- IH 1466, Gear, TA, Cab, 1000 PTO, 23.1x34 Tires, 1912 Hrs (W2518)
- IH F200, Gas, Tricycle Front (W2521)

USED TILLAGE
- Midwest Mulchers (T1516)
- Deere, Roller Harrow, 12', Excellent Condition (T1712)
- Krause 4133 Field Cultivator (T2290)
- Brillion 23' Harrow, 56 Tooth, Flex-Wing (T2534)
- Krause 3113 Landsman, 19 Shank, 16½" Blades, Walking Tandem (T2517)

Just Traded...
- IH 370 12' Disc
- Oliver 20' Flex-Wing Disc
- IH 56 Blower
- Brillion 28' Packer
- JD 15' Cultimulcher

USED SPRAYERS
- FMC 1-Way Head For 1229 Air-Blast Sprayer (V1078)
- Raven 150 Gallon Saddle Tanks, Include Bands, Saddles & Valves, Can Be Mounted On Your Planter For Liquid Fertilizer (V1734)
- Myers 20GPM High Pressure, 300 Gallon Tank, Boom, Needs Work (V9143)
- John Blue Anhydrous Applicator, Toolbar, (5) Knvies @ 38" Spacing (V9919)

USED PLANTERS & DRILLS
- IH McCormick 13x7 Drill, Grass Seed (V1555)
- Great Plains 14' Trailing Drill, Acre Meter, Double-Disc Openers, Depth Gauge Wheels, Heavy-Duty Seeder For Large Acreage, Traded On A Larger Drill (V1726)
- IH 800 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Insecticide, No Fertilizer, Excellent Used Planter (V2050)
- IH 10 Drill, 16x7, Needs Work (V6975)
- IH 400 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Dry Fertilizer, Insecticide, Monitor (V7666)
- IH 510 Drill, 21x7, Single-Disc, Fertilizer, Clean Drill (V8881)
- IH 2-Drill Hitch For 620 Press Wheel Drills, Endwise Transport Hitch (V9301)
- IH 620 Press Wheel Drill, 24x7 Plain, Good Condition, Weathered But Hardly Used (V9303)
- AC 600 No-Til Planter, 6 Row 30" Spacing, Dry Fertilizer, Monitor, Gandy Insecticide, There Are Many Good Years Left In This Planter (V9376)
- IH 400 Cyclo Planter, 6 Row, 30" Spacing, Good Planter For Parts (V9430)
- Deere Drill 15x7, Grass Seed, Acremeter, Nice Drill For The Small Farm (V9853)
- Deere 8300 Drill, 16x10, Plain, This Is A Great Soybean Drill In Excellent Shape (V9922)
- Deere 7000 6 Row Planter w/Monitor, 30" Spacing, Dry Fert., Insecticide (V2455)
- IH 5100 21x7 Drill, Soybean Special (T2361)
- JD 8300 Drill

MISCELLANEOUS USED
- IH 540 Manure Spreader, 150 Bushel, New Bottom & Sides, New Web, Repainted, If You'd Like A New Spreader But Cannot Afford One - This Is Your Spreader (V9769)
- John Blue Anhydrous Applicator, Toolbar, (5) Knives @ 38" Spacing (V9919)
- IH 84" Material Bucket, Fits 2050 Loader (W1731)
- IH Row Crop Head, 3 Row, Fits 830 or 881 Forage Harvester (U9501)
- IH 56 Blower, The Blower That Takes Less Power (U2026)

USED CULTIPACKERS
- Brillion 19' Smooth Roller, Flex Wing, Tandem (T2388)
- Shepherd, 9' Cultipacker, Cheap Finishing For The Small Farm (T9521)

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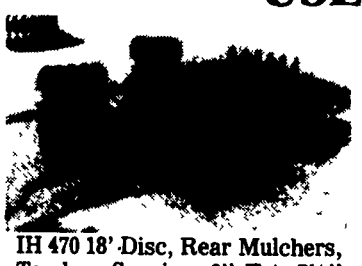
GREAT VALUES On Used Equipment

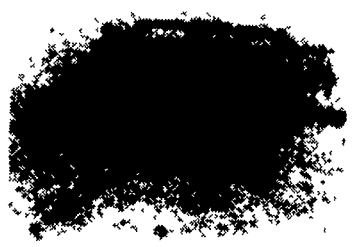
USED DISC HARROWS

John Deere 330 Disc, 20' Flexwing Tandem, Blades - 25" Front, 22" Rear (T1950)



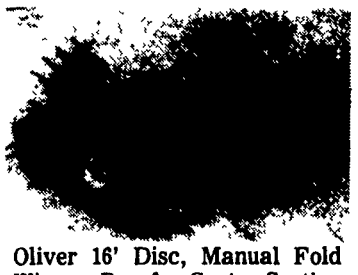
IH 470 18' Disc, Rear Mulchers, Tandem Spacing, 9" Frt. 7½" RR, Size 16½" Frt. 17½" RR, Cyl. & Hoses (T1699)

Rhino 131 Disc, 13' Cut, 9½" Spacing, 23" Front, 24" Rear Blades (T2238)

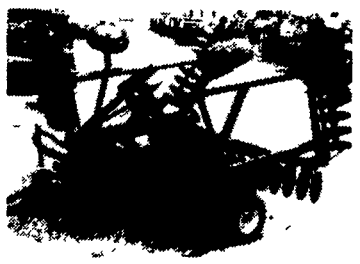


Athens 83 10' Disc, Size 19" Frt., 21" RR, Cyl. & Hoses (T1604)

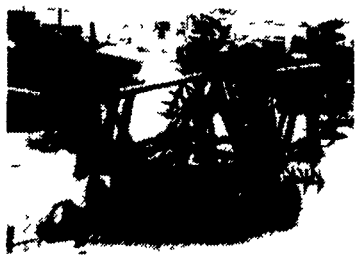
Deere 310 Disc, 12', 11" Spacing, Dual Tires, 22½" Front, 22" Rear Blades (T2352)



Oliver 16' Disc, Manual Fold Wings - Buy for Center Section @ 12' - CHEAP (T2337)



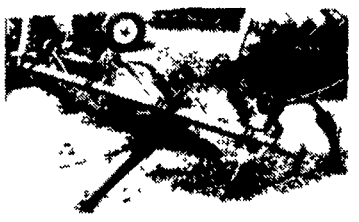
IH 490 Disc, 24', Tandem, Blades 18½" Front, 19" Rear (T2469)



Krause 2416 Heavy Duty Disc, 26', Tandem, Blades 20" Front & 21" Rear (T2520)

Krause 4921 Disc, Only One Year Old, 18' Width, Rockflex, Tandem (T2378)

IH 501 14' Tandem Disc, Spcg. 10½" & 10" Size Frt. 19" & RR 22", Cyl. & Hoses (T1824)

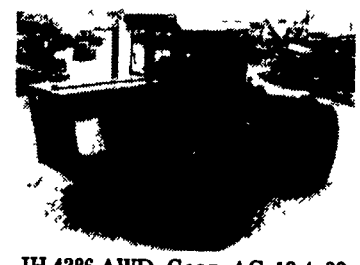


John Blue Anhydrous Tool Bar - 5 Knife, 38" (V9919)

Bush Hog 21' Disc, Tandem (T2393

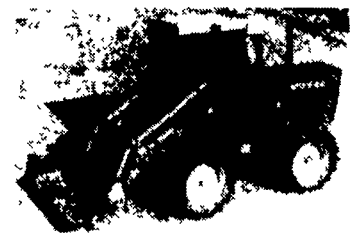
Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)

USED TRACTORS

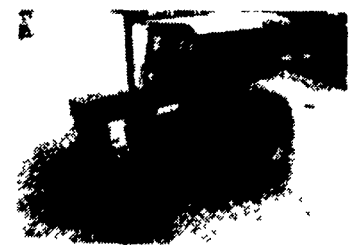


IH 4386 AWD, Gear, AC, 18.4x38 85%, 1990 Hours (W2468)

IH 1466, Gear, TA, Cab, 23.1x34, 1000 PTO (W2518)



Versatile 160 4WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)



IH F1466D, Cab, Dual Valves, 24.5x32 Tires (W2326)

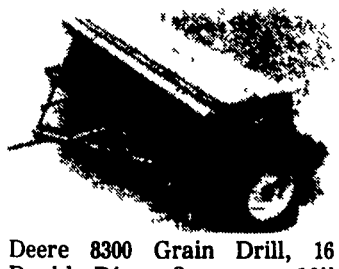
IH 886, TA, AC, 540 + 1000, 18.4x34 85% (W2391)

IH 3588 2+2, AC, TA, 18.4x38, 540 + 1000 (W2244)

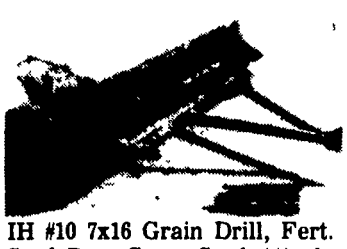
USED PLANTERS & DRILLS

IH 5100 Grain Drill, 21x7, Plain, Depth Press Wheels, Soybean Special (V2361)

IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)



Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)



IH #10 7x16 Grain Drill, Fert. Seed Box, Grass Seed Attach. (V1752)

AC 600 6 Row No-Till Planter w/Gandy Appl., Cyl. & Hoses, Dry Fert., Monitor (V9376)

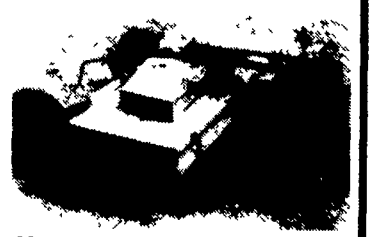
IH 800 Cyclo Planter, 6 Row, 30" Insecticide Monitor (V2050)

Great Plains 14', 23x7" Drill, Acre Meter, 3 pt. w/Pull Hitch, Depth Gauge Wheels, "V" Press Wheels (V1726)

JD 7000 6R Planter, Dry Fertilizer, Insecticide Hoppers (V2455)

MISCELLANEOUS

IH 540 Plow, 4F-16", Shifting Hitch, Semi-Mount (T1851)



New Woods Model C-114 Mower 9'6" Cut, Twin Blade (R9386)

Krause 3113 Landsman, 19 Shank, Walking Tandem, Blades 16½" (T2517)

Brillion 19' Packer, Tandem (T2388)

GREAT DEALS on USED COMBINES

- IH 1480 Hydro (U2133)
- IH 1460 Hydro (U2252)
- IH 1460 Hydro, 24.5x32 Tires, 1550 Hrs. (U2246)
- IH 815 Diesel, Hydro (U1362)
- IH 715 Diesel, Gears (U1849)
- IH 715 Diesel, Hydro, 1221 Hrs. (U2113)
- IH 715 Hydro, 18.4x26 Tires (U7818)
- IH 715 Diesel, Hydro, 23.1x26 Tires, 1100 Hrs. (U1961)
- MF 510 Diesel, AC (U1992)
- Gleaner 'G', Gear, Diesel (U1369)
- IH 203, Gas, Gear, Cab (U1205)
- JD 4400 Diesel (U9806)
- JD 7700, Gear w/Variable Speed, 24.5x32 Tires, Straw Chopper (U1361)
- MF 510 Diesel, AC, Grain Saver (U1995)

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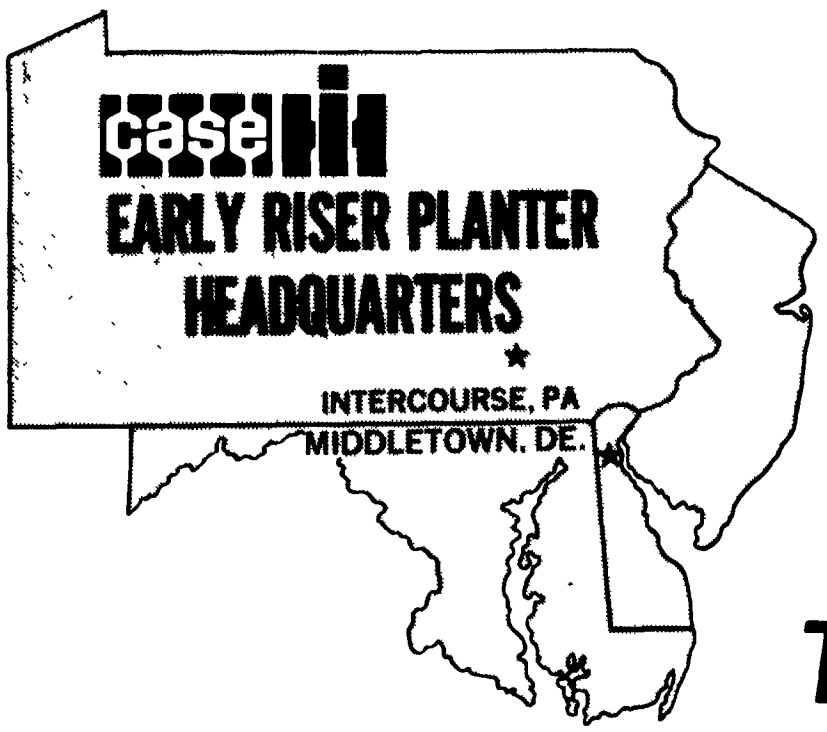
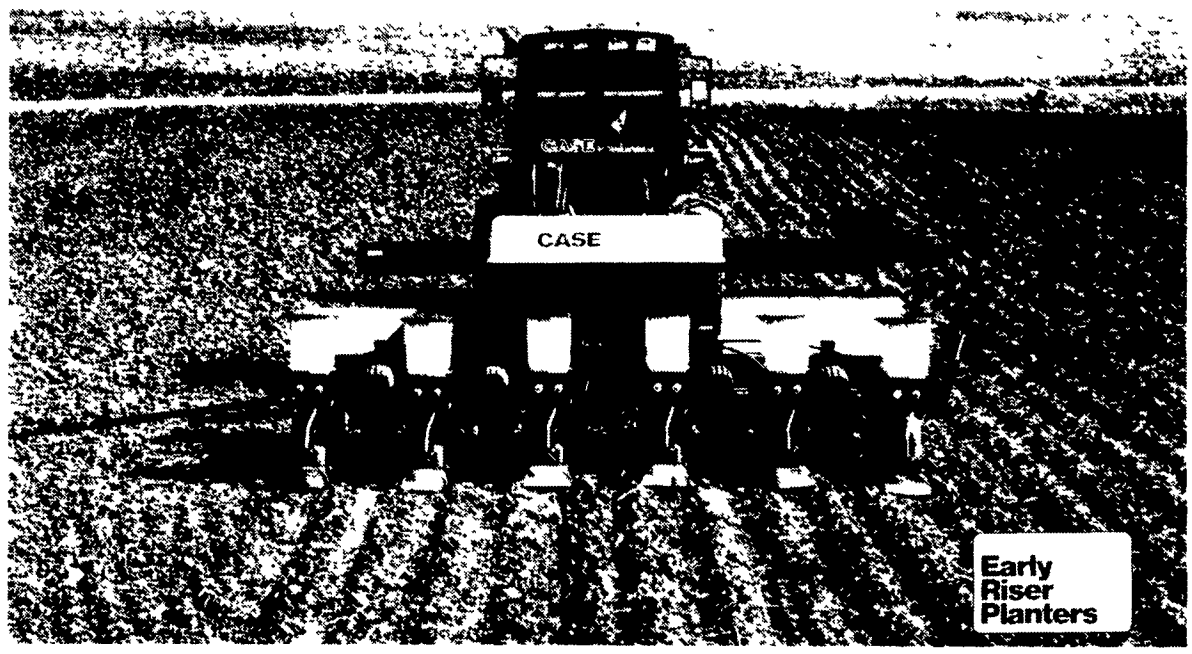


TO TILL or NOT TO TILL...

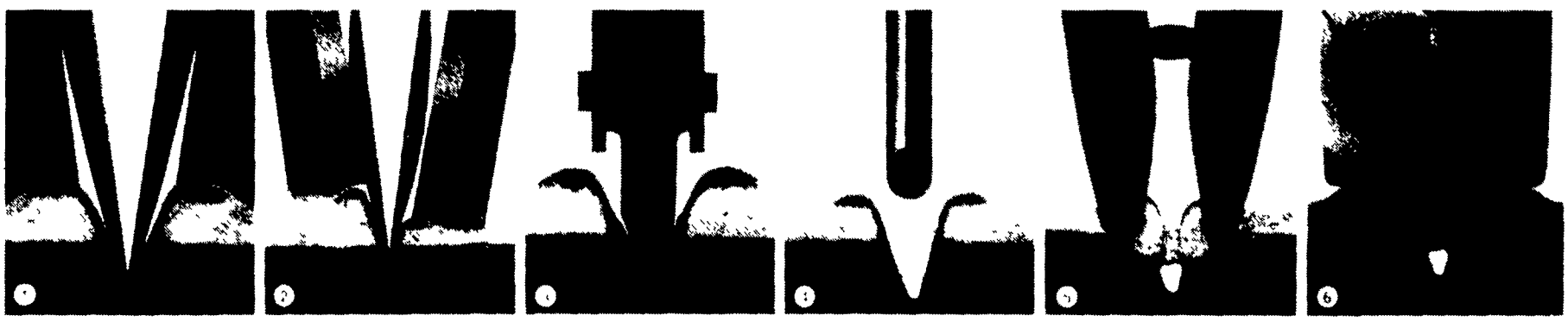
The Choice Is Yours

EARLY RISER PLANTER

THE **ONE** FOR CONVENTIONAL, MIN-TILL, NO-TILL & SOD



The 900 Series Early Riser Row Units Are The Secret!



1. Case IH staggered doubled disk openers reduce power demands, effectively cut through trash and penetrate hard soils, eliminating the need for costly colter attachments common to so-called "no till" planters.

2. Exclusive front pull equalizing depth gauge wheels are connected through special linkage that maintains equal pressure on the gauge wheels at all times. Grooved gauge wheel tires work to trap the moist soil brought up by the openers so that soil is placed back into the bottom of the seed trench following seed placement.

3. Improved Furrow firming point forms a well-defined "V" furrow bottom offering optimum depth control, seed spacing and germination.

4. With the clean "V" furrow bottom and smooth, narrow seed trench, seeds are delivered to the same depth and held in place for reliable uniform emergence.

5. Twin inverted staggered covering disks mounted directly behind the openers, return moist soil to the seed trench and provide good seed/soil contact.

6. Chevron-tread press wheels seal the closed seed trench and firm the furrow, eliminating air pockets and promoting optimum germination.

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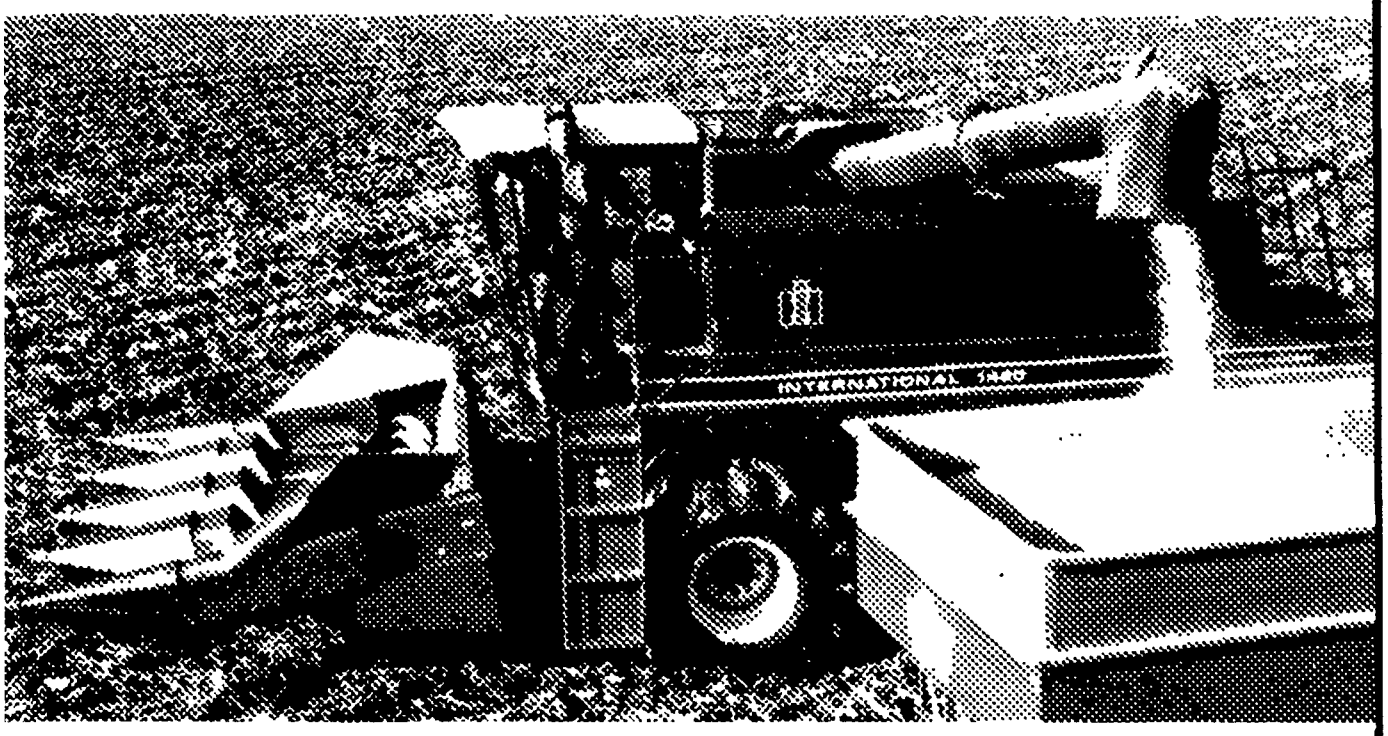
Case IH *Axial-Flow Combines*

SIMPLY MORE PRODUCTIVE IN THE FIELD



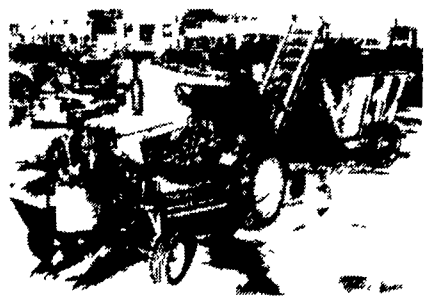
Over the past nine years the Case IH *axial-flow* combines have proven themselves to be more productive than the combines previously owned by our customers. In tall crops, short crops or down crops; bumper crops or drought crops the *axial-flow* combines put more crop in the bin and, therefore, return more market dollars to you. The Case IH *axial-flow* is simply more productive in the field where the bragging stops.

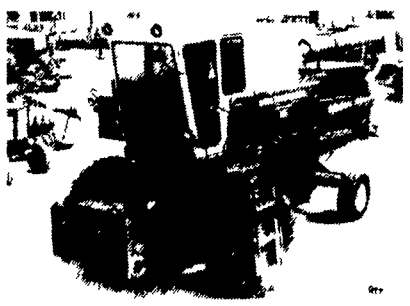
HOOBER: *Axial-Flow* production specialists

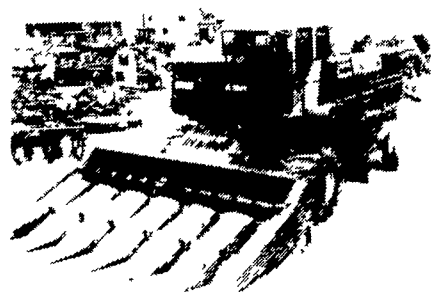
1. Every new combine Hoober sells is expertly predelivered and started in the field by a professional combine mechanic; experienced in setting and adjusting for all common crops.
2. Hoober's professional combine mechanics drive fully equipped combine service trucks, stocked with commonly used wearing parts. When called to service or repair an *axial-flow* combine they carry with them the tools and equipment to do the job and get you back to the field fast.
3. Hoober's Parts Department has the largest combine parts inventory in the East. Daily pick-ups at the Case IH Parts depot help to provide fast emergency parts availability. Hoober's expert combine PARTS service provides you minimum downtime and maximum productivity.

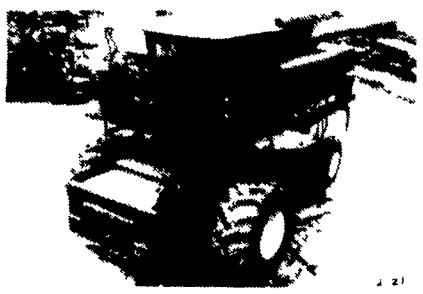
INCREASE YOUR HARVEST PRODUCTIVITY - WITH A Case IH *AXIAL-FLOW* COMBINE FROM C.B. HOOBER & SON, INC.

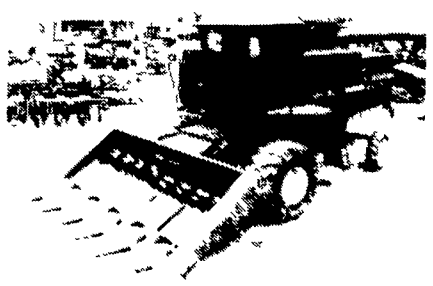
GREAT HOOBER DEALS ON USED COMBINES

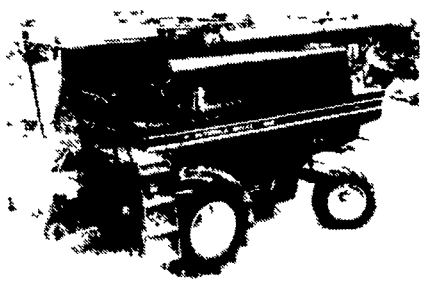

Used Bean Harvester, Chisolm-Ryder, IH 504 Tractor


IH 815 Hydro Combine, Diesel (U1844)


MF 850 Diesel Hydro, 1163 Cornhead, 15' Platform (U2249)


John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)


JD 6620 Sidehill, 28Lx26 Tires, Hydro, Diesel, Grain Loss Monitor, 2446 Hours, 1983 (U2255)


IH 1480 Axial Flow w/Mudhog AWD, 14.9x24, 67.00x34.00-30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)

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Gehl 1540 blower, like new $1,950
IH 1190 Haybine, 9' $1,950
24 Ft. Gooseneck T[illegible]ler, Tandem Axle., 18,000 GVW SOLD $2,150
NH 489 Haybi SOLD [illegible] 75 Acres $6,650
NH 256 SOLD [illegible]Nice $1,250
NH 489 Haybine, NEW $7,575
Int. #35 Rake $850
NH 256 SOLD Rubber Teeth, NEW $2,100
Pequea Hay Tedder, 7' PTO, NEW $1,275

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Case-IH 245 AWD
Case-IH 385, AWD
Case-IH 585, 52 hp
Case-IH 685, 61 hp
Case-IH 885, 72 hp
Case-IH 2096 w/ROPS

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Case-IH 475 12' Disc Harrow
Case-IH 496, 19' Flex Disk
Case-IH 4500, 12' VS Cultivator
IH 5507 3 pt. Chisel Plow
IH 6511 Con-ser Til

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Case-IH 5100 20x6, comb. drill
Case-IH 900 6R Air Planter
Case-IH 900 4R Air Planter

NEW MATERIAL HANDLING

Case-IH 550 Spreader
IH 2200 Loader

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Case-IH 781 Harvester w/hyds
IH 86 Hay Rake, hyd.
Case-IH 600 Forage Blower
IH 1190 Mower Cond. 9'

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IH 354 G Tractor w/ldr. $4650
IH F-C Tractor w/imp $1350
MH 44 Tractor $750
Hesston 1014 + 2 hydro. swing $6850
NH 479 Haybine $1350
IH 56 Forage Blower, as is. $300
NI 7' Mower $250
Hawk-Bilt 257 tandem tub spreader (good cond.) $2350
IH 120 Forage Box w/gear $4400
IH 1190 Mower Cond. 9' (exc.) $6150
IH 550 5F 14" plow $750
IH 535 3F 16" Plow $750
IH 710 5F 16" Plow w/Cyl. $1650
Ont. 13x7 SD drill $650
IH 800 4R Plate Planter $4850
IH 56 4R Planter $950
IH 55 9' 3PT Chisel $950
Kasco 10' Chisel Plow $1150
5th Wheel Wagon Chassis $485
500 Gal. Field Sprayer $1500

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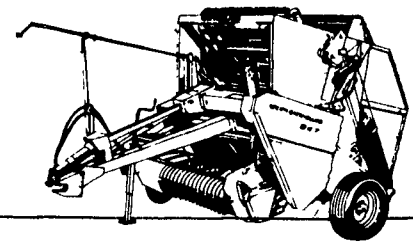

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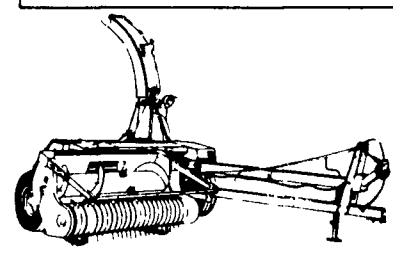
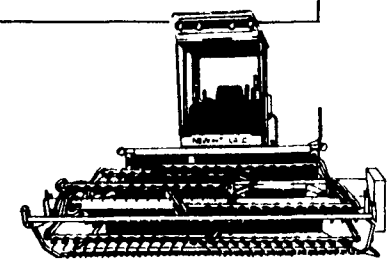
NH 302 Spreader - Special Deal ..... Call
NH 790 Harvester with any heads ..... Call
NH #770W Pickup Head $1,925





DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737

Dependable Is More Than Our Name

CHAMBERSBURG FARM SERVICE, INC.

case IH · Badger · FOX · RHINO by Athens · NEW IDEA · OMC

975 S. Main St. Chambersburg, PA
(717) 264-3533

USED EQUIPMENT

TRACTORS

IH 1256 Dsl
IH 706
IH 574
IH 656 D
IH 544 U
IH 350
Farmall H & M

IH 240 F
IH B414 D
MF 165 w/Ldr.
MF 135 w/Loader
MF 35 w/Loader
MF 1080

JD 4620
JD B
Case 1070
Case 770, Sharp
Oliver 770 D
Cub
Farmall A

Case 930 D
Case 730 Dsl., 3 pt
Farmall Super M
Case Vac
Kubota 5950 DT, FWD, Loader, 415 hrs/ like new

CORN PLANTERS

IH 800, 6R
IH 400, 6RN No-till, Liq.
IH 400, 6RW, No-till, Dry
IH 400, 4RN w/ No-till, Dry
JD 7000, 6RN No-till
JD 1440, 4RW No-till
JD 494A
JD 6RN, Liq. Fert.
AC 600, 4RN No-till
White 5400, 4R
White 543, 4RN No-till
White 543, 4R Plate
IH 56
IH 295
IH 449

BALERS

IH 430
IH 445 w/Thrower
IH 440
IH 37
JD 24T
IH 47
Hesston 10 Stacker
MF #12 w/Thrower
NI Bar Rake

WAGONS

Gehl 920, 16'
Gehl 610, 14'
(2) Gehl 940 Forage, 16', tandem axle, 3 btrs., roof
Badger 14' Forage, roof, 3 btr.
Couhoun 620, 16'
IH 110
Turnco Gravity Box
Bale Wagons
JD 122
Kill Bros. Gravity Box w/Zimmerman 6T Running Gear
(2) Bale w/Hoist

SPRAYERS

Cagle 750 gal w/Foam Markers
Walsh 200 gal.
Walsh 500 gal.
Walsh 300 gal.
KUKer 300 gal.
Walsh 165 gal. 3 pt

LOADERS

IH 2000
KW for IH 284
Loader for MF 35 Tractor

SKID LOADERS

OMC 345
OMC 440
OMC 1700
Case 1740 D

BLOWERS

Kools KB54
IH 56
Dion 60
NH 30
Gehl 99
Badger 54
Badger 98

FLAIL CHOPPERS

IH 5
IH #8
Brady 722
Bearcat 72 Flail

GRAIN DRILLS

MF 18x7
MF 17x7
IH 13x7, Steel Whls.
Tye 80 No-till
JD FB 13x7
JD 15x7
Oliver 13x7

HARROWS

IH 475, 12' & 13' 10"
IH 401, 12'
IH 370 12' Disk
IH 45, 12'
JD WRA
13'6" Disk
BH 10'
JD 12' BWF
IH 37, 8'
JD KBA 8'
IH 9A 9'
Niemeyer 3 pt. 8' Power Harrow
12' Brillion Cultipacker
9' Packer
Brillion 12' Field Cultivator
JD KBA 10' Transport
Miller 11" Offset Disc

MOWERS

IH 222
IH 100
NH 450
Woods 48" for MF 205
Bush Hog 60' 3 pt

MISCELLANEOUS

NI 109, 3 pt Fert Spreader
Little Giant 34' Elevator
Little Giant Rollaway Elevator
NI 36' Elevator
NH 41' Elevator
IH 18' Elevator w/Cross Conveyor
Mayrath 6" Transport Auger
Woods 5' Dixie Cutter
Lely Flail Spreader
NH 258, 9½' Bar Rake, nice

MANURE SPREADERS

NI 213
NI 214
IH 540, like new
NH 518
IH 550
Star 930
Oliver Ground Drive, like new
Better Bilt 2600 Gal Liq Manure Tank
Badger 3,000 gal Manure Tank
NH 676
NH 676 S
NH 790
Hawk Bilt 207
HB 257
HB 357
NI 218
NI 224
JD 34

HARVESTERS

IH 830
IH 720 Fg
IH 555
Gehl 300 w/2RN
Papec 180
Fox 1000
Fox 2000
JD 34 Fg. w/1R C H.
JD 2RW C.H.
JD 3800 Fg. w/2R C H
Fox 3000
Fox 546
Fox FA
2RW Corn Head
2RN Corn Head
Cutter Bar

PLOWS

IH 13' Chisel
IH Little Genius 2B
IH 700, 5x16
IH 5x14
IH 55 Chisel Plow
IH 55, 10' Pull Chisel Plow
JD 345, 4x16
JD 125, 4x16
IH 550, 5x16
Oliver 3x14
Ford 4x16
Brady 9' Chisel
White 508 Plow, 4x16
BH 3 pt. 52" Tiller
IH 710, 3x16
IH 726, 6x16 w/On Land Hitch
IH 450 Plow

WINDROWERS

IH 1190
IH 990
IH 650 w/2R Head & Hay PU, nice
IH 225
NI 290
NH 1469 SP
NI 272, 7' Cutditioner
OMC 229
Gehl 108
NI 270 Cutditioner
Hesston 1214 Swing Tongue
NH Hay Crusher

GRINDER MIXERS

OMC 117
IH 1050
(2) IH 1150

COMING IN...

NI 213 Manure Spreader
NI 224 Manure Spreader
IH H 84 Tractor
Farmall M
IH Super C
Ford 9N w/Cultivator, Wood Saw & Mower
Skeleton 16' Elevator
IH #10, 13x7 Drill
MH 13x7
Rhino 76 Disk, 13'5"
Pequea 460 Haymaker
NI 213, 3 Beater Spreader, nice
(2) Bale Wagons

MELROSE FARM SERVICE
498 BUCHANAN TRAIL WEST
GREENCASTLE, PA 17225
(717) 597-3138

CARLISLE FARM SERVICE
260 YORK ROAD
CARLISLE, PA. 17013
(717) 243-4419

Dismantling Combines for parts
over 400 all makes and models
Dismantling 50 pickers for parts

All Combines Sold—
free parts for one season
if in our parts lot

IH: 915, 815, 715, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125 82, 76, 74 JD 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40, 30, 25, 12A MF 510 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC Gleaner, F, L, M, K, G, E, C C2, A, 60, 66, 100. Oliver: 545, 535, 525, 430, 40, 35, 33, pull type NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Ford 622, 630, pull type. Case: 960, 700, 660, 600. NH: 975, 985. MM: 5297, 3496, MM Uni, White 8600, 7300, Massey 750D, Straw Spreaders & Choppers.

COMBINES

Massey 72 12' head
Massey 35 8' head
MF 35 S P. 8' cut
Late IH 715 gas, hydro w/810 grain head
Late IH 715 diesel, hydro w/810 grain head
IH 915 diesel, hydro w/heads
MF 300 diesel, quick tach w/heads
1978 JD 4400 diesel w/heads
1980 JD 4400 diesel w/heads, real nice
Gleaner F2 w/heads
Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
IH 205 w/10' grain head
MF 510 gas, Chevy V8, 11' grain
MF 510 dsl. gear drive
MF 205 gas, cab, 10' grain
1979 JD 4400 dsl., rotary screen, 1551 hrs.
TR70 Cat. dsl., hydro, choice of heads, 1800 hrs.
IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
MF 540 dsl., gray cab, duals, 1144 corn & 13' grain
Gleaner F dsl., big tires
IH 205, cab, 2R or 3R 30" corn & grain head.
Case 1160 V8, gas, cab w/grain
MF 510 diesel, hydro w/heads
IH 503 hydro dsl w/grain & 6R corn.
1980 IH 1440 axle flow, 28x26 tires, 1585 hrs., cornhead just came out of field, clean, one owner.
1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner.
NH 1400 w/grain & 4R 38" corn.
White 8600 dsl. w/grain & 4R 38".
Gleaner K w/10' grain & 2R corn.
Gleaner F dsl. 12' grain & 4R corn.
1982 NH TR70, Cat motor, 822 hrs., 28x26 rubber, flex grain, 4R 38" or 6R 30" corn, one owner, clean.
45 square back w/2R corn, 10' grain, cab, nice
IH 1440 Axle Flow Combine w/grain & 4R corn
IH 203 Combine w/grain & 2 R corn, $2500.
IH 1440 Axle Flow w/1100 hrs., 28x26 tires, 13' flex head
1977 MF 510 Diesel hydro w/big rubber, air weights, grain saver & heads, just traded, real nice
JD 3300 gas, grain & corn head
1977 JD 6600 side hill w/6R 30" & 14' grain
Massey 300 w/grain & corn head
1979 MF 550 dsl, hydro, 13' grain & corn, $12,000
1976 Gleaner FKS dsl 13' grain & corn head, real nice, $12,000
Gleaner F gas w/grain & corn, $6,000
MF 510 dsl, quick tach w/grain & 4 or 6R corn
Massey 72 w/grain, $1200
MF 760 6 cyl. turbo w/grain & 6R 30" corn, $14,500
Massey 410 dsl. quick tach, cab & air, $4,000
2 C-2 Gleaners w/4RW for 4RN & grain head
Gleaner C[SOLD]s w/4R & grain head, $5,000.
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head, $13,000.
IH 403 hydro w/4R 30" & grain, $5500
MF 510 diesel quick tach w/grain, $5500.
Gleaner E3, grain & 2R, new motor, $4000.

Your Choice
$2500 Each

2 Case 600, 10' Grain & 2R Corn
2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

TRACTORS

IH 504 gas, P/S, 3 pt
Farmall 14[SOLD]/fast hitch & belly mower
Farmall 450 dsl w/P S & fast hitch
Massey 444, gas, WF, AC, WD w/WF & Loader
IH TD6 diesel dozer
Farmall BN w/plow & cult
JD late B
Case 600 w/3PT
David Brown 1200 dsl
Ford 5000 Dsl., late model $5850
Farmall A w/cult., $1100
JD 60, fair cond.
IH 856 Dsl., WF, TA, dual PTO, 3 PTH, partial cab, good solid tractor, $5750.
Farmall H, $800
Ford 860 5-spd w/rear cube wts.
Ford 801 3 pt.
IH 1066, cab w/complete motor overhaul, will show bills from local shop, $9,000
Ford 5000 Tractor, late model
IH 560 G[SOLD]t hitch
JD 3010 Dsl Narrow Front
JD 4010 Diesel $3,875
AC D-19 Dsl. w/WF, as is.
AC C w/Woods belly mower $1500
Ford 3000 Diesel, $4000

DISC HARROWS

8,10,12 & 14' Wheel Disc
3 pt. 7'
7 & 8' drag discs
Good selection of wheel discs

FORAGE HARVESTERS

JD 15A flail chopper
NH 718 2R 30" & hay pickup
NH 717 1R
NH 822 2R 30" corn head
NH self propelled w/2R & pickup head
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

WIDE FRONT ENDS

Farmall 340
MF 65
Massey 444
AC C
Massey 101, 30 & 33
AC D19
WD
Farmall C or Super C, 200 & 230

CORN PLANTERS

IH 2R fast hitch
JD 2R 290 pull type
JD 4[SOLD]"
JD 290 2R pull type
AC 800 4R, dry fert.
White 543 6R 30" no-till.
White 5400 6R, no-till, $2,250
2 IH 4[SOLD] 4R, $1200 each.
IH 56 & 455 4R's
IH 6R Plate

CORN PICKERS

Blue Ford 3 pt 1R
IH 400 gas tractor w/2R NI 305
(3) NI 325 2R 30" pull type
NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
(2) NI late 323 1R
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700.

TRACTORS ALL WITH LOADERS

Universal air cooled skid loader, $2775
IH Hough Payloader, 2WD, nice shape
Ford 860 w/loader
Ford 4000 Gas Industrial Loader and Backhoe, like new tires $5,500
Farmall Super C $1,675

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

GRAIN HEADS

8, 10, 11, 12, 13, 14 & 15'

PLOWS

Ford 3-bottom, 16" auto reset
Oliver 3 btm 16" 3 pt
2 IH 4 bottom 16" semi
2 JD 4-bottom 16" semi
JD 4-bottom 14" drag type
Ford, JD, AC 2-bottom 16" & 2-bottom 14", 3PT
MF 8-tooth chisel plow
JD 4-16" semi mount
IH #510 4-btm 16" semi mount
MF 10 tooth chisel plow 3 pt.
IH 4 btm. 16" 540 $875
JD 5 btm. 16" F145, $725
IH 550 5 btm. 16", A-1, $1150
IH 710 5 bottom 18" auto. reset
JD F145 5 bottom 16"
Oliver 546 5 bottom 16"
(15) From 2-7 Bottom 4-Tooth Chisel plow, 3 pt.
10-Tooth 3 pt. chisel plow

SPREADERS

IH 555 PTO w/endgate, $775
JD #54 PTO
NI [SOLD]'s

ROTARY MOWERS

3 pt 6,7 & 8'
Also pull types

HAYBINES & RAKES

Hesston S.P. 9'
NH 269 Baler w/thrower
JD 14T Baler w/thrower
IH 990, 9', $1275
IH 990, 7', $1200
NH 4[SOLD]new paint, $14[illegible]
NH 489 9', new paint $2250
Hesston 10' hydro-swing center pivot hitch, $2850
IH 990 9', $1375
NI Rotobar Rake, $850
3 JD Rotobar Rakes, $450 to $675.
Gehl 9', $875
NH 489 $3000
NH 474, 7', $3000
NH 256 Rake, $1250
IH Rake w/front dolley wheel, $785

MISC.

Loader to fit 4500 Ford or other tractors
Gehl Unloading Wagon
JD 400 Rotary hoe, 3 pt
IH 3 pt. 4R cult.
AC Road Grader, good running, new paint
Century 500 gal. 12R PTO trailer sprayer, real nice
NH Flail Attachment for Baler to cut corn fodder $300
2 Gravity Wagons
IH fast hitch balanced head mower
Sickle bar mowers, 3 pt semi & trailer types
IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
IH 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD M, 4010, 3010, 2020 Dsl , 2010, 70, 60, 50, A, B AC 180, D17, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20. Case 300, DC, SC, VAC Ford 6000, 4100, 4000D, 960, 860, 800, 8N, 9N Oliver 1800, 88, 77, 70, 60 Crawler D2 Cat & Oliver MM 5 Star, R, Z, E3 Coop

KEITER'S FARM MACHINERY
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No Sunday Calls

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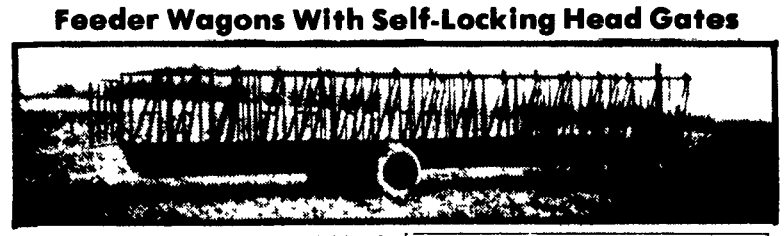
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

Feeder Wagons With Self-Locking Head Gates



16', 21', 27' Lengths Available A Great Feature For Feeding Cattle In Meadows Or Feed Lots

These Wagons Can Be Used For Feeding Round Bales, Square Bales, Silage & Etc.

Especially Where Ag Bags And Piles are Being Used

The Added Feature Of Having The Head Gates Makes It Easy For Quick Vet Checks, Etc.

Feeder Wagons Without The Head Gates, Have The Slant Bar Feed Thru.

Custom Built Cow Trough Dividers - Gutter Grates & Cattle Guards

Also Available - Headgates in Sections And Cattle Chutes

For More Information and Prices Contact

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(Dealer Inquiries)

USED TRACTORS

New Ford 4610
JD 4440, cab, air, quad range
JD 4430, cab, air, quad range
JD 4230, cab & air
JD 2510
JD 4030, 4 post, roll guard
JD 2940 w/cab
JD 2940
JD 2840
JD 2510 Gas
JD 4040, power shift, cab & air
JD 3020 diesel, cab
JD 3020 gas
JD 4000
JD 4020, new tires
JD 4020, side console
New IH 274 w/cultivator
IH 3388, 2+2
IH 886, used 100 hrs.
IH 70 hydro
IH 1086, cab & air
IH 966 w/cab
IH 766 w/cab
IH 806 diesel, excellent
IH 826 diesel
IH 544
Ford 6600, like new, 900 hrs.
Ford 5000 diesel
Ford 5000 Gas

Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3600
Ford 2600 w/800 hrs.
Ford 2000
Ford 1910 w/loader, like new
Ford 555 w/loader & cab
Ford 3000
AC 7050 w/cab
AC 7000 w/cab
AC 210 diesel
AC 180, gas
AC 200, like new
MF 26[SOLD]
MF 255 w/loader, used 500 hrs.
MF 205, 4WD
MF 50C w/loader
MF 20 w/loader
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
Int. 7000 Forklift 28' Lift

JD 555 Crawler Loader, excellent

New Gehl 360 Skid Steer Loader

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Large selection of 3 to 7 btm. plows
New JD 2700, 4-18 Toggle trip

GRINDERS & MIXERS

Gehl 65

USED COMBINES

444 JD corn heads
443 & 643 corn heads
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 6600 hydro, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 3300 gas

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 4 row liquid, like new
JD 7000 6 row conservation, liquid

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90
NH 718, sharp
Field Queen 3 row wide corn head

HAY EQUIPMENT

NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
JD 346 baler
NH 315 wire baler, nice
NH 273 w/thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1033 stack wagon
NH 1032 Stacker Bale Wagon

MISCELLANEOUS

JD 12' roller harrow, like new
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
Kewanee hydraulic fold 21' disc
Bush Hog plowing disc

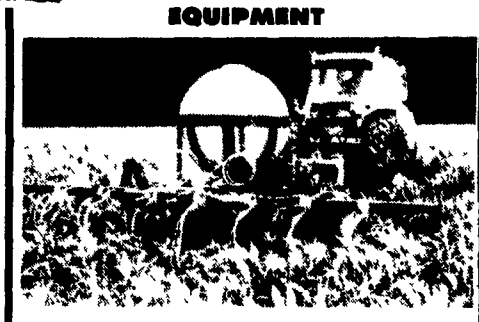
D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

SUB-TILLER

BLU-JET FERTILIZER INJECTION EQUIPMENT

SUB-TILLER II
FLEX-TRIP
(Ideal For Any Tillage System)
• Boost Yields • Loosen Soil • Control Erosion
Early Bird Discounts In Effect



9-30" 21' fold wings lock into position for road transport, fully equipped, 500 gallon horizontal or polyshere tank..... Sale Price $5,640.00

We Can Save You Money On: Blue-Jet Tool Bars, 28% Liquid Applicators, DMI Wagons, Fertilizer And No Till Coulter Attachments, Anhydrous Tool Bar, Header Knife Kits And Tillage Parts

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Eckroth Bros. Farm Equipment

case IH

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED COMBINES
Int. 1440 Combine
MF 750 w/grain head
Int. 715, late model
Int. 915, late model

USED TRACTORS
JD A w/cultivator
Case 1270
Ford 9N
IH 584 w/510 hrs.
IH 856 w/cab
Farmall 1066
MF 65

USED EQUIPMENT
Int. 720 5F Plow w/On Land Hitch
Int. 440 Baler w/Thrower
Int. 350 Disc Harrow
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box
Mengle Chopper

NEW GEHL EQUIPMENT
1540 Forage Blower

Plugston Implement Inc.

Chambersburg, PA 17201

USED JOHN DEERE
JD 2750
JD 2520 G
JD 60 Tractor w/Loader
JD 50
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 1209 Mower Conditioner
JD 24T Baler
JD Transport Disc
JD 66 & 6000 Blowers
JD 3B 125 Plow
JD FBB 13x7 Drill
JD Fert. Fill Auger For JD 6RN 7000 Planter

USED TRACTORS
IH 544

USED NEW HOLLAND
(2) NH 479 Haybines
NH Super 68 Baler w/Thrower
NH 273 Baler w/Thrower
NH 2R Snapper Head for Fg Harv.
NH 23 & 26 Blower

USED NEW HOLLAND
NH 329 & 518 Spreaders
NH 890 w/3RN & Pickup
NH 880 w/2RN
NH 1469 SP Haybine
NH 1495 Gas SP Haybine

OTHER USED ITEMS
Case 1845 Dsl. Skid Loader
Ford 4B Reset Plow
Ford 3B Trip Back Plow
NI 208, 213 & 214 Manure Spreaders
(2) IH 440 Baler w/Thrower
NH 450 7' Mower
Field Sprayers. Century 200 gal.
Gehl 2230 Pivot Tongue Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners
New Martin Spreaders: S1690, S1665
NH 1495 Dsl. SP Haybine
NH 489 Haybine
NH 495 Haybine
Lilliston No-till Drill

NEW JOHN DEERE EQUIP.
Tractors:
4250 SG, PS
2550, 2555 w/MFWD, 2755
Compact Utility Tractors: 650, 655, 750, 755, 850, 855, 1050
Combine: 4425 w/Heads
Balers: 327, 347, 330, 430
Forage Harvesters:
5730 w/Iron Guard
3950 Forage Wagon: 716A
Spreader: 780

NEW NEW HOLLAND EQUIP.
Balers: 311, 316, 853
Blowers: 28
Haybines: 411, 489, 499
Forage Harvester: 790 & 900
Spreaders: 308, 520, 680
Skid Loader: 455

NEW BOBCAT LOADERS
Bobcat 843, 743 & 642B

1-81 Exit 8
3213 Black Gap Road
Chambersburg, PA 17201
717-263-4103
717-532-6951
NEW HOLLAND
bobcat
JOHN DEERE

case IH

JD 510 TLB
Ford 535 TLB
Ford 555 TLB
Case 480B TLB
Int. 4R 400 Corn Planter
MF 1135 Farm Tractor w/Cab
Long 610, Less Than 500 Hours, Like New this Year 1987
Case 1410 A-1 Shape, All Overhauled, Good Shape, Good Price
Case 1210
Case 9[SOLD]ctor
Case 5[SOLD]s TLB w/Cab
Case 58[SOLD]w Hrs.
Case 5[SOLD].B
Farmall 706 Gas
Farmall 806 Dsl.
Ford 3400 TLB
JD LA Antique Special
705 Power Unit Diesel, Uni-System
AC 4R[SOLD]anter, Nice Sha[SOLD]e
JD Plate[SOLD]s Planter, Nic[SOLD]ape
Bobcat 631 Uni Loader
Case 1845 Uni Loader
Case 18[SOLD]i Loader
NI #324 Corn Picker w/Super Sheller
NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, corn pickers & spreaders in stock at Good Prices.

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JD 2250, 2 WD, 65 HP Price Fighter, $17,800
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JD 716A Forage Wagon, w/High Sides & Top, less running gear, $6,450
NH #8 Forage Wagon w/234 Running Gear, $5,000
JD 1600 Spring Reset 4 Bottom Plow $4,700
JD 215 Disk Harrow, 12
NH 258 Rake, Dolly Whls. & Tires, Rubber Teeth, $2,950
JD 430 Round Baler
JD 330 Round Baler
JD 327 Square Baler
FMC Sprayer 10 gal. per minute pump, 200 gal. fiberglass tank, $2,300
Woods RM600, $1,450

USED EQUIPMENT

JD 2440, 2 WD
JD 2040, 2 WD
IH 2400B Industrial Tractor w/3 PTH & PTO, $5,000
JD 1300 Corn Planter, 4 RW, $500
JD 7000 4RW Corn Planter, $3,500
MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform & 4 RW Head $18,500
JD 7720 Combine 4WD w/6R Corn Head, $39,500
IH 1026D, Hydro, 112 HP, $6,000
Yanmar 165 D 16 HP Tractor, 4 WD, Turf Tires, Front Blade, Less Than 200 Hrs., $5,700
Century 6R Sprayer, 3 Pth, $850
Cub LoBoys w/Implements, $1,200 & Up
JD 444 Corn Head, $4,500
NH 479 Haybine, $1,950
NH 495 Haybine, 12', $3,990
Kuhn GMD66 6 Disc Mower, $2,500
JD 7000, 6R Cons. Planter, Dry Fert., $7,500
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146 14 hp Yanmar SOLD . . . . . 48" Mower
12 hp Case . . . . . 38" Mower
18 hp Sea SOLD . . . . . w/Mower
Ferguson TO SOLD Tractor
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Worksaver Post Hole Digger

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Amco Disc 10'6" Double Offset
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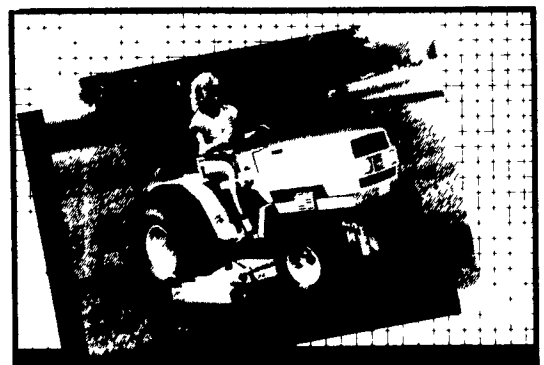
Wide Front End for JD 4020
Wide Front End for IH 66 series tractor, excellent condition
Year round cab to fit 656 IH 1466 tractor
Ford 8,000

1 FARM EQUIPMENT



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USED EQUIPMENT

JD 54 Spreader w/Top Beater, good cond.
Case 1570 Tractor, very good condition Priced below Dealer's Cost
MF 410 Combine w/4 RW Head
Case Combine w/13' Grain Head
Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
JD 3800 Harvester w/Long Tongue & Elec. Controls, New Knives
JD 3RN Corn Head
JD 3 RW Corn Head
JD 7000, 4R Planter w/Frame Mtd. Coulters, In Season Discount
JD 7000 SOLD Corn Planter, In Season Discount
JD 7000 6R Planter w/Liq. Fert., Fully Loader, 3 Yrs. Old
JD 6R No-Till Attachment For JD 7000 Planter, Dealer Cost
JD 494A Planter, $300
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $2,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $2,000
Case 140 spreader, top beater, good cond.
JD 3B Hydraulic Reset Plow
JD 5½' Hay Pickup
JD 24T Baler w/#2 Ejector
JD 336 Baler w/#30 Ejector, good condition
JD 716A Wagon w/Roof & 3rd beater, rear unload w/tandem running gears
JD 216 Wagon w/10T Running Gear
JD 520 Sprayer
JD 213 Grain Head
NH 3 PTH Bar Rake
JD 894 Bar Rake

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MAKE HAY THE RAPID CURE WAY

Rapid Cure Chemical Hay Conditioner

Rapid Cure... what it is.

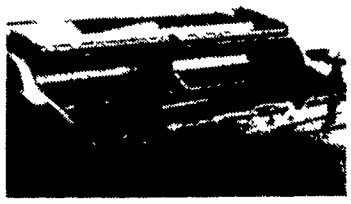
Lovelands' Chemical Hay Conditioner, Rapid Cure, is a product containing a blend of potassium and sodium carbonate and citric acid. When Rapid Cure is mixed with water and sprayed on alfalfa hay during the cutting operation, it penetrates the waxy cutin layer on stems of alfalfa. This increases the rate of water evaporation from the alfalfa.

Rapid Cure...what it does.

Rapid Cure speeds up the field drying time of cut alfalfa hay and helps reduce the cut-to-bale interval. This allows you to:
1. Get your hay off faster and reduce the chance of rain damage.
2. Improve the quality of your hay through higher protein.
3. Get the hay off faster so that there are more days for the new crop to grow.

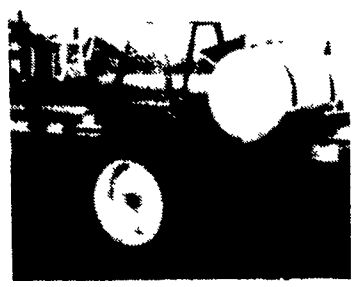
Rapid Cure... how it is applied.

Push Bar and Spray Boom.



Rapid Cure is sprayed onto the alfalfa as it is being cut. This is accomplished through the simple installation and use of a HARVEST TEC CONDITIONER SPRAY SYSTEM push bar and spray boom. The system attaches to the front of the swather or windrower. As the hay is cut, a push bar moves the alfalfa forward allowing the spray to penetrate the foliage more thoroughly.

HARVEST TEC Spray Components to meet any need.



HARVEST TEC spraying components are specially engineered to apply drying agents to hay. The HARVESTTEC Push and Spray Bar applies RAPID CURE to obtain maximum coverage on the stems of the alfalfa.

Units Available For Self Propelled Machines

RAPID CURE doesn't cost... it pays.

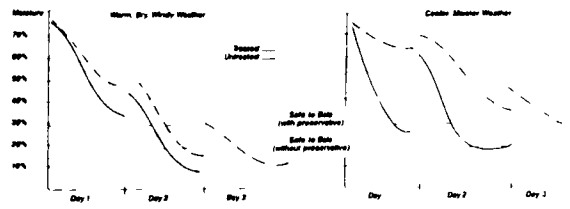
In both university and on the farm tests, RAPID CURE Chemical Hay Conditioner pays for itself. RAPID CURE will cost the grower about $6.00 to $6.50 per acre. This amounts to increasing the yield by 120 to 130 lbs. per acre to pay for the cost of RAPID CURE. **Research shows a gain of as much as 5 times this amount of increased yield when Rapid Cure is used as directed.**

1985 WISCONSIN STATE FORAGE FIELD DAY*

Day Cut	Day Baled	Moisture	Treatment	Protein
Tuesday	Tuesday	30%	Drying Agent And Acid	23.1%
Tuesday	Wednesday	13%	Drying Agent	22.7%
Tuesday	Wednesday	21%	Acid	18.7%
Tuesday	Thursday	15%	None	16.7%

* All Drying Agents Applied With Harvest Tec Equipment

FEED PRODUCTS



RESULTS: Results are given in the table below. The "Drying Rate Constant" is a measure of the drying rate every two hours during daytime drying. The higher the drying rate constant, the faster the drying rate.

	Drying Rate Constant First Day	Second Day	Dry Matter Loss (Overall)
Control	.132	.182	7.0%
RAPID CURE	.195	.293	4.0%
Competitive Product	.178	.235	10.9%

Taken From: Chemical Conditioning to Speed Alfalfa Drying: C.A. Rotz and J W Thomas, U.S. Dairy Forage Research Center, East Lansing Michigan 1983 Proceedings of the American Forage and Grasslands Conference.

1984 UNIVERSITY OF MINNESOTA EXPERIMENTAL WORK ON HAY DESICCANTS*

	Control	Treated
Average Elapsed Time Between Cutting and Baling At 16-19% Moisture	50 Hours	37 Hours
Average Crude Protein Composition	19.4%	24.0%

* All Desiccants Applied With Harvest Tec Equipment

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830-DE-2 Cyl.-Nice	$4500
830-DE-2 Cyl.-Nice	$5500
JD 750-Diesel-1981	$5900
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4020-Very Nice-RCP-1968	$6900
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4230-4 WD-Cab-Quad	$15,300
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IMT 539-Demo	$6900
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Valpadana 4033-4WD-DEMO	$8800
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AC D21-Series 2-Turbo.	$4500
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NI 18
IH Cub

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2 Row Digger
1 Row Digger-3 pt.
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FORAGE WAGONS

Fox 625

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18.4x34 Axle
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(2) IH 2500B	$7900
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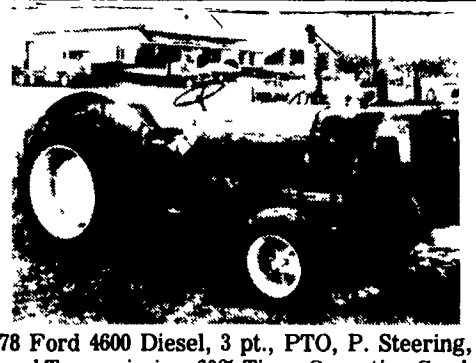
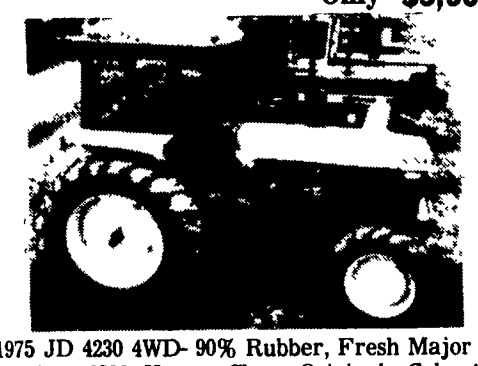
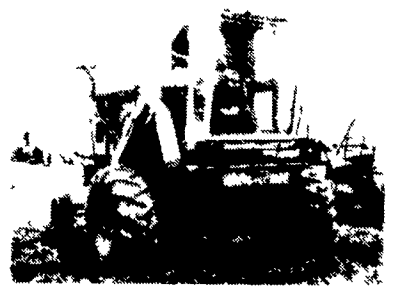
1970 Case 970 Diesel, Power Shift, 4400 Hours, 40% Rubber, Dual Remotes, Clean Original Western Tractor. **Only $5,900**



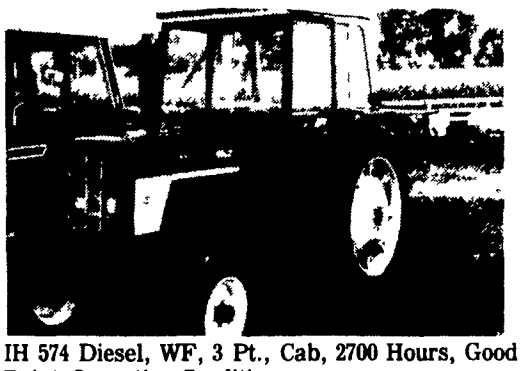
1978 Ford 4600 Diesel, 3 pt., PTO, P. Steering, 8 Speed Transmission, 60% Tires, Operating Cond. **$5,400**



1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor **$15,300**

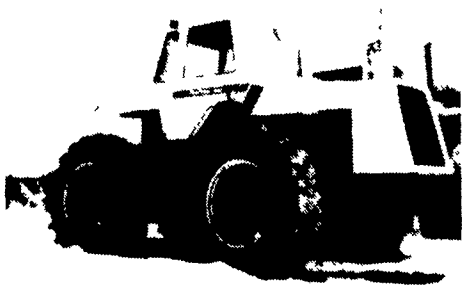


1976 Gleaner F Diesel Combine w/Air With QT Grain Head & F435 Cornhead. Seasons Over - Price Is Cheap. Machine W/2 Heads **$4,900**

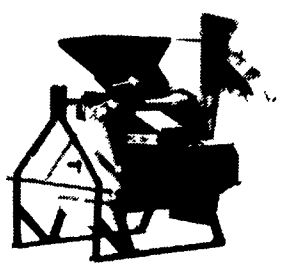


IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Good Paint, Operating Condition **Special Price $4,900**

1974 White Truck Tractor w/Heavy Loading Crane, Crane Turns 180°, Rebuilt 318 Detroit, 10 Speed Road Ranger, 4 WD, Operating Condition, Truck Has P.T.O. **Only $5,750**



1975 Case 2670 w/20.8x34 Duals (40%), 2000 Hours, New Paint, 3 Pt., PTO. **Super-Super Buy $12,100**

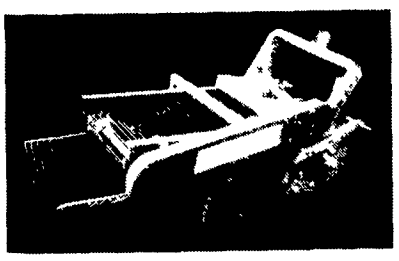


3 Pt. & Pull Type

NEW CORNSHELLERS
- 3 Pt. Economy..... $795
- 3 Pt. Standard ... $1395
- 3 Pt. Deluxe $1695
- Pull Type Add $100

Pictured Is Standard Model

POTATO DIGGERS



1 Row, 3 Pt., PTO **$1,495**

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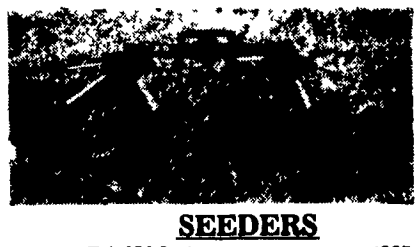
SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt.
$895



4 Wheel- **$1695**

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40" 3 pt Heavy Duty $495
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2 Wheel 3 pt PTO..... $895
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JD 158 Loader
Loader Off 800 Ford
IH 2000
JD 47 Loader
Case Off 930

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JD 246 2x3 Pt.
Ford 2x3 pt.
MF 2x3 pt.-NEW
Oliver 2x3 pt
JD 7000 4x
AC 600 4x

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Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Case 1270 Cab
Ford 9600 Cab-Air

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Extra Throwers
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NH 851 Round
NH 67

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743N Cornhead
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Extra Grain Heads
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3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead
763 WN Harvester Head

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JD 9' & 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
1 tooth 3 pt. subsoiler
7'-8'-9'-10'-11'-12' -14' 3 pt.
3 Tooth V Chisel (3 pt.)

DISCS
IH- 11'-13' Transports
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IH 480 w/Wings-24'
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JD 10' RWA Transport
Bush Hog 16' w/Wings
JD 310 Transport
Wilbeck Offset-11'
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Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
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Cornshellers
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8'-10'-12' Cultipacker

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AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 3x-4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (semi, Reset) 4x-5x
IH 1x (MTD)
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)

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JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt.
Bush Hog 4X Stalk Chopper
Woods C80-3 pt.
Woods 5' 3 pt.
Ford 6' 3 Pt. Flail
Servis 15' Pull Type

CULTIMULCHERS
JD 930 - 12' 3 pt.
Bearcat 12'

PLOWS
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
JD 7x Reset On Land
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt.

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt.
JD 2x (H & 420)
JD RM6- 3 pt.
IH Cub & Super A, A, C
IH C-H-M 2x Frt
JD 4x 3 Pt

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Ford 3 pt
IH Cub
Sitrex 3 pt. dynabalance
MF- 3 pt.
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Ford 7000 w/Cab
Ford 6610
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Ford 3910 4WD
Ford 3550 w/Loader
Ford 555 Loader & Hoe
Ford 515 w/Loader
Ford 3400 w/Loader
Ford 3600 D.
Ford 3000 8 speed
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Ford 2310 w/Ldr.
Ford 2110, 500 hrs.
Ford 1300 w/Mower
Ford 1100, 4WD
Ford 420 w/Loader
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JD 3010 D., NFE
JD 2010, G, NF
JD 60 PS, LPTO
IH 504, 3 pt.
IH 300 w/Loader
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MM 445, WF
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Ford 6x16 Plow
Ford 532 Baler
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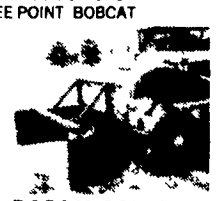

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IH 254
Versatile 555
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IH 154 LoBoy
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Glencoe 18' Soil Finisher
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Krause 4133 Field Cultivator
Krause 1966 Disc 31'
Krause 2143 Disc 42'
Krause 1425 Disc 21'
Krause 410 Disc 11'
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IH 300 Rotary Hoe

MISCELLANEOUS

NH 280 Baler
IH 510 Drill
IH 620 Press Drill
FMC 25RC Air Sprayer
NH 770W Windrow Pickup
IH 990 Mower Conditioner
IH 800 6RN Air Planter
JB 700 Sprayer
Haybuster 1206 Drill
IH 5100 Grain Drill 18x7
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MF: 285; 175; 35; 35G; 30 Ind. w/front end loader.
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JD: 3020, 2510 w/loader; 3010 w/loader, 70; 2640 w/145 loader; 2240 w/143 loader.

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AC H 3 crawler w/blade.
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MISCELLANEOUS

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HAYBINES: Gehl 1090; Hesston PT7, PT10, 1071, 1090; Hesston 1010 & 1014 2+2 hydro swing; NH 472, 474 & 477 7'; IHC 1190 7 & 9'; NI 7', like new.
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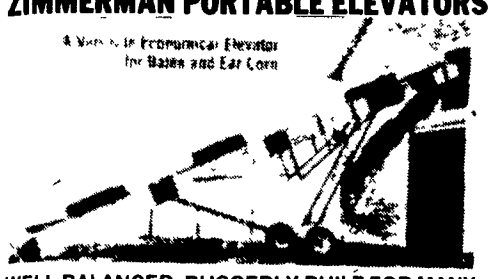

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400 G NF, fast hitch
Farmall Super MTA
Farmall 200, fast hitch
Farmall Super C
IH 35 Hyd. Rake
IH 56 Corn Planter, disc opener
IH 440 4-btm. plow, 16"
IH 1190 Mower Conditioner, 9' cut
IH #8 Flail Chopper
IH 5100 Grain Drill, 18DD w/press wheel
IH 315 Combine, 13' cut w/hume reel
IH 227 Corn Head
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35 Oliver Combine, 12' cut

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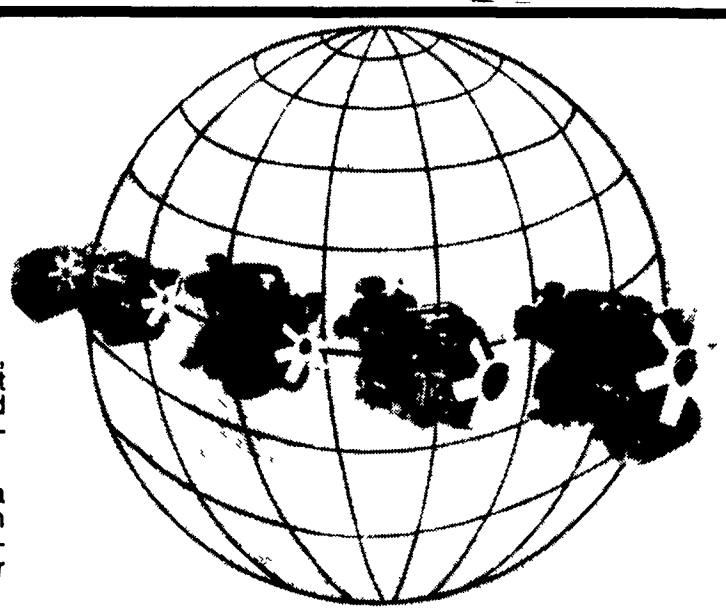

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- S3F Diesel, 46 HP @ 2500 RPM..... $2500
- 4D31 Diesel, 62 HP @ 2500 RPM $2750
- 4D31T Diesel, 96 HP @ 2500 RPM $3000
- 6D31T Diesel, 136 HP @ 2500 RPM $4200
- 6D16T Diesel, 174 HP @ 2200 RPM $6200
- 6D22TC Diesel, 311 HP @ 2200 RPM... ..... $9000

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Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

Deutz Allis 6250, 2 WD
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16½' Field Cultivator $2,450
Deutz Allis 6070, 2 WD
Amco 12' Disc Harrow, $5,950
Century 300 gal. Sprayer w/28' Boom $1,795

USED EQUIPMENT

MF 175 D tractor w/6R cultivator
MF 40 tractor
AC G Combine
IH 915 Combine w/763 Corn Head & 810 Grain Header
1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition
Oliver 1850, 4 WD Tractor
Farmall 504 Tractor
AC 6070
AC 8030, 4WD
AC WC Tractor w/Cultivator
Case Stalk Shredder
JD 336 Baler w/#30 Thrower
Badger 200 Manure Spreader
IH 46 Baler
IH 56 Blower
Gehl Hi Throw Blower
IH 56 Corn Planter
IH 350 Disk Harrow, 10'3"
AC Pitmanless 3 PTH Mower
IH 51 Forage Wagon
JD 4Fx16 Trailing Plow
MF#33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader
NI 224 Manure Spreader

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TRACTORS

JD 2030 diesel, 15.5x38 independent, new paint $5,700
JD 2630 diesel, 16.9x28 $5,500
JD 2030 diesel, independent PTO, $4,900
Int. 140 with cultivators, late model, $2,250
Int. 4130 Uni-loader, gas, $2,900
JD 2940, w/2600 hours, 16.9x38 tires, fully equipped, nice, $11,500
Ford 7700 with load monitor and weights, $7,950
AC 620, 20 HP riding mower, $3,250
Gehl 4400 gas, hydrostatic skid loader, $3,200
JD 820 diesel, 3 cylinder, $3,800

TILLAGE EQUIPMENT

White 316 reset, $1,350
JD 400 rotary hoe, 20', $850
Int. 450, 316 SOLD, like new, $1,450
White 253 disc harrow, 12', $950

HAY EQUIPMENT

Int. 56 Blower, late model, $1,050
(4) NH hay heads, fits 782 or 770 open end, $750-$1,200
NH hay head for 770 or 717, 5', $400-$650
Hesston PT-7 haybine, nice, $1,450
NI 279, 9' cut-ditioner, $1,450
NH 28 blower SOLD, $1,250
NH 25 blower
NH 273 baler, SOLD sweep and thrower, $2,250
Hesston 1070 SOLD ybine
Grimm PTO te SOLD $750
Gehl 99 blower, $650
NH 489 haybine, 9', nice, $3,600
PT-7 Hesston haybine, 7', nice, $1,250
NH 479 haybine, 9', $2,400
NI 272 cut con SOLD er, 7', $1,150
New Int. 12' hay tedder, $1,250
NH 489 haybine, $3,200
NH 851 round bal SOLD e, $3,950

GRINDER MIXERS

NH 354 w/scales, hydraulic drive, grinder mixer, $2,900
Int. 1250 grinder mixer, $2,200
NH 353 grinder mixer, $2,700
Gehl 95 grinder mixer, $850

PLANTING EQUIPMENT

JD 7000 12 Row Front Fold No-Till Coulters, Liq. Fert.

TRACTORS

'81 JD 4440, cab, air, quad range, 20.8x38 tires
'78 JD 4640, cab & air, dual 20.8, QR
'75 JD 2630
'76 JD 4430, cab, air, quad range, 20.8 tires
'73 JD 4430, Cab & Air, QR Dual 18.4x38

TILLAGE

15' Ford disc harrow w/dual whls.
Ford 4 btm. 16" mounted plow

MISCELLANEOUS

JD 35 Harvester w/2 RW Head
Century Recycling Sprayer
Hesston Round Baler 5600
IH 3 pt. hitch sickle bar mower

COMBINES

JD 7720, 4WD Titon II, 317 hrs., 220 flex cutter bar, 643 corn head
JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.
JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
JD 7700, 15' Platform 1971
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 6600, Gear Drive, 14' Cutter Bar

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MF 224 Baler w/212 bale thrower
OPTION 1 $7,600 No MF Financing
OPTION 2 $8,185 With MF 6.9% Financing 36 months

MF 925 9' haybine
OPTION 1 $6,650 No MF Financing
OPTION 2 $7,300 With MF 9 9% Financing 48 months

Prices Good Thru May 28, 1987

MF 212 Bale Thrower, $2,275
MF 585 8½' rake, $2,250
MF 1144 corn head, $8,500
Pequea 8 ton running gear, $865
Lamco UT58 trailer, $808
Kuhn 10' pull type tedder, $1,450
Vicon 4 wheel rake, $728
Vicon 5 wheel rake, $1,000

Full Warranty On All New Equipment

USED EQUIPMENT SOLD AS IS

MF 124 Baler, $1,000
MF 1014 Loader w/48" bucket
3 pt 5' Seeder, $250
JD Grain Drill, single disc, 13 run
Zweeger 5' 3 pt disc mower, $1,000
MF 1085 diesel tractor, $6,000
AC 444 baler w/thrower, $450
JD 14' harrow, $200
1977 MF 750 combine, 1,405 hrs w/grain table, $15,000
1977 MF 760 combine, 968 hrs w/grain table, $15,000

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Case 1190
Case 600—Good Shape!
Case 530 SOLD der
Ford 871 w/Sauder Ldr. & 5' Brush Cutter Mower
SAME Leopard 85, 4WD, with Cab Enclosure
Kubota L-2000, Completely Reconditioned

MOWER CONDITIONERS

(2) Hesston 1090 Windrowers
(2) Hesston 1014 Windrowers
Hesston PT-10
Case 555
Case 580 C—2 Coming In—Good Cond.
Vicon KM 240, Rotary Disk Cut
Gehl 1080, Rotary Disk Cut
NH 1495 12 Ft.— Coming In

PLANTERS

White 5400, 6 Row, Liquid, No Til
AC 333, 6 Row, Liquid, No Til
IH 4 Row, Granular

SKID LOADERS

Case 1845B Skid Loader Ex. Cond., 1984 Model
Gehl 4500 & 4600
Mighty Mac Skid Loader
(3) Case 1830 Skid Loaders
Case 1845

BACKHOES

Case 580 CK-Reasonably Priced!

FORAGE

Gehl CB 400 Forage Harvester
Gehl CB 600 Forage Harvester
Gehl 610 Forage Wagon
NH 38 Flail Chopper
Badger 16 Ft. Wagon

BALERS

Vicon 1210 Fixed Chamber Round Baler
Gehl 1500 Round Baler

LAWN & GARDEN

Case 220 w/38" Mower And Snow Blower
Case 446 w/48", Mower And Snowblade
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J.D. New JD 2950 w/R.G.; (Used) JD 4450 C.A. w/490 hrs., like new; 4440 C.A.P.S. - Real Nice; 4440 PS w/ROPS; JD 4240 C.A.P.S.; Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new; 4240 Q.R. $15,500; JD 2940 w/F.W.D. & 260 Loader, Low Hours; JD 2940 w/FWD & Roll Guard; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2840 & 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 4630 C.A.P.S. w/F.W. SOLD Real Nice; JD 4630 C.A.P.S. w/new tires; 4630 SR w/Cab & Air; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 w/creeper trans.; JD 4230 D SOLD G Enclosure; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; 4520 w/Factory Cab; 4320 Fender, real nice; JD (5) 4020's 1964-1972; JD 4020 PS; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; JD 3020 Dsl., WF; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; 4010 D w/new clutch; 630 Gas; JD 430 Utility w/3 pt.; JD 2020 Gas w/L; JD 4010 D., good; JD 4010 Gas; JD 3010, Gas, Row Crop; JD 2510 Dsl.; 630 Gas, 620 Gas, 620 LT, 70 w/loader.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 3588 2+2 CA, 1400 hrs.; 786, one owner, original; 3288 CA, 670 hrs.; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/R.G.; Farmall 1066 C.A., original; IH 1066 Cab & Duals; Hydro 70; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 C.A., as is; 1066 Hydro - Original; 966 Original; 766D.; 674 D.; 574 D. w/Loader; IH 544 Gas w/#2000 Loader; Farmall 544 Gas, WF, 3 pt.; 656 Gas; 806 D - $4,750; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F706D., WFE, 3 pt.; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; IH 240 Utility; 560D; (2) F450 Gas, Tri., F.H.; Super A w/Sickle Mower, Plow & Cultivator.

New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.

A.C. New AC 6080; (Used) 7045 C.A. - 20 Spd. - Real SOLD Nice; 7045 C.A., 20SP; 7040 C.A.P.S., Like New; 210 - New 20.8-38 Tires; AC 200 D original; AC 220, real nice; XT190D. w/3 pt.; AC D19 Gas.

CASE Case 1594, P. Shift, low hrs., like new; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals; 380 D. w/R.G.; 2090 CAPS, $14,800; 930 C.K. w/3 pt.

M.F. 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1977 MF 1135 CA, Duals; MF 175D; MF 1130; (2) MF 1100 Dsl.

Ford TW 35, used 150 hrs., local trade, like new; Ford 9700 C.A., real nice; Ford 4600 Dsl. SU w/772A Ldr.; Ford 4000 SU w/PS; Ford 4000 Dsl., original paint; Ford 3000 Gas w/8 SP; Ford 3(SOLD Gas; County Super 6, 4WD w/3 pt.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.

WHITE (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $18,900; White 4-150 4WD Cab & Air, 2800 hrs.

MISC. Versatile 500, 4WD, 3 pt. & PTO; M.M. Vista G1000; Long 460 Dsl., 4WD, w/loader; SOLD 9006.

Tractors & Equip. Just Traded:

JD 6620, 4WD; JD 7700 Hydro, 4WD; JD 218 Flex; JD 2640; Case 580 w/Ldr.; IH 574 Utility Gas w/2000 Loader; JD 210 Disk; (New) NH 499 Haybine; IH 56 4R Planter; IH 35 Rake; IH 720, 5x Toggle Trip; IH 540, 4X; IH 510, 6X; Farmall Cub; Brillion 16' Wind Harrow; NH 707 Chopper w/1R Corn Head; JD 1380 Hydro Swing Haybine; JD 2800, 7X Variable Width On-Land; Deutz 8006, 4WD w/Cab; IH 584 D.; 686 Dsl.; IH 3514 Loader Backhoe; F560 D w/Fast Hitch; JD 716, 3 beater w/Roof, tandem axle; IH 1190 haybine; NH 495 haybine, real nice; NH 880W PU; JD 5200 C.A. 4WD chopper; Woods 8' rotary Cutter; new NH 258 Rake.

Case 580 Dsl. Loader Backhoe; Field Queen Side Dump Wagon.

IH 990 haybine; (2) Gehl 920 forage wagons.

Combines w/Good Selection Of Heads: We have 10 late model, very nice, local, one-owner combines.

1981 NH TR85, 4WD, full equipment.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs. Just out of field working, $47,500; M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice; JD 7720 and 6620 available with 4WD.

JD '81 Model, [illegible] w/215 flex, very nice; JD '81 Model 6620 LL w/216 Flex, like new.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice; JD 3300 Real nice w/2 heads; JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex; JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, $41,500; MF 550 D., C.A., low hrs.; 55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for $5,500; 205 w/Cab & 10' G.H.; IH 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; Nice; # SOLD Type.

N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers.

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; 444.

NEW
NEW IDEA CORN PICKERS
BELOW WHOLESALE
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers & truckloads of parts.
Save 40 to 50%
Dealers Welcome Also
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I.H. 863, 844, 843, 833, 744, 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.

M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30''; Case (404); NH 4 & 6 row.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 222 Flex; JD 213 Rigid.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

CORNPICKERS; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) [illegible] w/ 8 or 12 Roll Huskers; Shellers & Super Shellers. New N.I. [illegible] Special [illegible]; N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

JD 3020 w/NI 319 mtd. 12 roll picker, very nice; JD 237 mtd. picker.

PICKER: NI 311, 2R picker priced right.

Ford Blue, 1R side mtd. picker, real nice.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 3R 30'' & 3R 34 & 38'' rows, like new; Silage heads & 7' hay pickup heads; 3800 w/Elect. Controls; 34.

N.H. 890, S717; NH 880 w/2RN C.H., real nice; NH 782 w/heads; NH 770 w/heads; 3 NH Super 717 w/1R C.H. $1,000; NH 718 w/1R or 2R C.H.; NH open end hay pickup heads, 6', like new, $1,000; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.

GEHL 1200 w/3R C.H. & pickup.

GEHL 600 w/2R.

FLAIL CHOPPERS: (2) NH Used 38; (2) JD 16A Flail Choppers, one like new; Bearcat 72A Flail Chopper.

FORAGE WAGONS: N.H. #8 SOLD, like new; NH #8 forage wagon.

HAY EQ.: BALERS: J.D. 336 & 346T Silage Head; NH 822, 2R for 770 or 890.

J.D. 8' Dire SOLD Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX Fox 984, 4R Silage Head; 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

PLANTERS: JD 7000, 12R Front Fold Planter, Dry Fert. w/No-till, full equipment; JD Planters 6R Cons. w/Dry Fert.; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30'' w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Fert. & Insect; JD 1240 plateless, nice.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Dry Fert.; White 5100 6R Planter, Liq. w/No-till; White 5400, 6R, Dry Fert., No-til Planter.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/Soybean Att.; JD 8300, 21x7 DD w/Press Wheels; JD 8200, 18x7 DD Drill; JD 8300 23x7 Drill.

IH 5100 21x7 Drill; J.D. 8350 21x7 D.D. w/Fert. & Seed; JD 8250 Drill w/Seed, 21x7 SD; Crustbuster 3 pt. Drill; Brillion 8' & 10' Seeder.

GRINDERS/MIXERS: IH 1150, nice; Gehl 115 grinder mixer; Farmhand 880 Big Tub Grinder; (2) NH 352 Grinder Mixers.

BLOWERS: JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; JD 2500 4x18 Reset; I.H. 5x16 Semi-Mount w/Spring Reset; OLIVER 546 - 5x16 Spring Reset; Oliver 565 4x Plow; I.H. 700 - 6x16 Spring Reset; JD 3200, 6x Reset; Oliver 6x Reset; WHITE 549-7x sp. reset; J.D. 7x; M.F. 6x on land hitch.

CHISEL PLOWS: Brillion 8', 9' & 10'; I.H. 55-12'; (2) 7' 3 pt. chisel plows; Bush Hog 10' Chisel Plow w/Buster Bar; Brady 10 & 14' Chisel Plows.

DISCS: Miller 10' Offset; White 281, 12' offset Disk; Oliver 252, 10' Disk; JD 230, 18 & 20' Hydraulic Fold; Taylorway 16' Rock Flex Wing Disk; Bush Hog 18' Hyd. Fold Disk.

MULCH TILLERS: Glenco SS18 Fold Soil Saver; Glencoe SS13 Hyd. Fold Soil Saver; (2) J.D. 1710 - 11'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Used JD 12' Roller Harrow.

CULTIVATORS: (4) JD RG 4 Cultivators; JD & IH 6R 3 pt. cultivators; Case 6 to 8R 3 pt. hyd. fold cult.; Noble 8R Hyd. Fold Cultivator; J.D. 1000-25' - Hyd. Fold.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9'' - Like New; (2) Howard 13' Rotavator; Knowles 16' wing trans. harrow, used 4 acres; Brillion 20' Wing Harrow.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost; Used 400-15'.

INDUSTRIAL: CRAWLER LOADERS: JD 450B loader; A.C. H-3 w/6 Way Blade; J.D. 840 Self Loading Scraper; Case 310 Crawler Loader; Case 584 D. Fork Lift.

AC 715B L & B.; Clectrac crawler w/blade; JD 1010 Crawler w/Blade & PTO.

LOADERS & BLADES: J.D. 48, 148, 36, 245; IH 2000, 2350, 2355 (New); NI Loader; Schwartz loader for Case 730; Artsway HD loader for 4WD; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; NI 4R shredders; Brady 4R shredder.

LAWN & GARDEN: JD 850 D w/Belly mower; JD 330 D., like new; IH Cub 154, Satoh 650 w/3 pt.; Cadet 782; Cadet 682; Cadet 86; AC 716; JD 400 w/loader; J.D. 314, 317, 318, 300, 216, 214, 212, 210, 140, 130, like new, 111, 108 w/bagger.

Trailer load of (New) Killbros Bins & Running Gears; Farmrite 500 gal. Sprayer; New Demco 500 gal. Sprayer; John Blue 1000 Tandem Axle Sprayer, Full equip., like new; Rex 400 Gallon Sprayer; Artsway 155 Feed Wagon, like new; Artsway 850A Wagon w/Scales; JD 700 High Cy SOLD rayer; Badger Liq. Tank, like new; Arps 3 pt. snow blower; Bestland Rock Picker; Woods 106 Ditch Cutter; J.D. 350 Sickle Mower; NH 450 3 pt. Sickle Mower; Ford Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter; Brillion R144, 12' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; NI 622 Blower; JD Quick-Couplers; Sets Of Press Wheels For J.D. Drills; JD 42'' Cast Wheels and Tires; (2) New Sets J.D. 38'' Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 275 & 285; J.D. & I.H. Front & Rear Wts.; JD 243 Corn Head w/Adaptor Plate.

J.D. Roll-Guards; Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc.

Heavy Front JD blade for 3020 & 4020, etc.; 30 sets of Dual Wheels

STRAW CHOPPERS: For J.D. 4400, 6600, 6620, 7700; M.F. 510.

TRUCKS: DELTA 44' Combine Trailer; 1979 Polar AM 42' 6200 gal. milk trailer.

MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab; JD 4230 w/fire damaged cab.

I.H. 1256 - Motorwork, $3,950.

CASE 1410 - Motor.

WHITE 4-150 4 whl., needs motor work, $4,950.

AC XT190, clutch, $3,950; JD 4520 w/Cab, $6,950; Farmall 1586 w/fire damage cab.

MAY SPECIALS

CORN PLANTERS	
White 5400 6R Dry w/No till	$ 1 850
IH 400 Cyclo 6R Liquid Planter	$ 975
IH 400 6R Dry w/No Til	$ 1,850
IH 800 6R Dry	$ 5,500
IH 800 8R Liquid	$ 7,500
JD 7000 4R Dry	$ 3,250
JD 7000 4R Liquid	$ 4,250
JD 7000 8R Liquid	$ 6,500
TRACTORS	
JD 4010 Gas	$ 3,850
JD 2010 Gas Trl P S	$ 1,925
JD 5020 w/Duals as is	$ 4,500
JD 3020 D Tricycle	$ 4,950
JD 4620 w/Cab Good Cond	$ 9,500
JD 4230 Cab & Air SOLD nge	$11,950
JD 6030 Cab & Air (175 HP) Nice	$12 950
JD 2940 w/Hi Lo 2 Post R/G	$12,500
I H 706 Gas Trl F H	$ 3,250
IH 706 D WFE 3 pt	$ 4,950
I H 1206 W F E	$ 5 950
Case 1976 1370 C A P S Duals	$ 9,950
A C 180 Diesel SOLD ery Good	$ 4 950
M F 1100 Diesel w/Multi Power	$ 3,750
Ford 9600 w/Cab & Dual Power	$ 7,150
IH Super M	$ 950
COMBINES	
J D 6600 Gas w/Cab (Needs Some Motor Work)	$ 4,500
I H 203 w/13 G H & 227 C H	$ 1,950
IH 76 915 D Cab & Air Turbo Hydro w/15 grain	$12,800
NH TR70 Cab & Air Hydro Good Condition	$11,750
M F 510 Diesel w/Cab & Q T Grain	$ 5,875
TILLAGE EQ	
New Landoll 230-22 Hyd Fold Chisel List 11 000+	$ 7,450
New DMI 12' Chisel Pull Type	$ 2,350
Glencoe 13' Chisel	$ 1,250
Ford 142 6x Spring Reset Plow	$ 1,750
IH 700 6x Spring Reset	$ 1,975
Kewanee Wing Disk 20'	$ 1,350
AC 26' Folding Disk	$ 3,450
MISC	
New JD 8300, 16x10 DD Drill	$ 3,500
J D 336 W Baler w/Thrower- Real Nice	$ 4,460
N H 280 Wire Baler w/Motor	$ 995
Fox Super-D Self/Propelled Chopper w/2RW Corn head	$ 4,000
IH 5' Flail Chopper	$ 595

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JD 4230, 4 Post, QR	$8,000
IH 986 Dsl, WF, TA	$8,000
JD 2630 Dsl., live PTO	$7,500
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IH 766 2 post SOLD r, TA, duals	$7,000
JD 3020 diesel, side console	$6,850
JD 2030 Dsl., late model	$6,750
JD 4020 SR, SOLD F, A-1	$6,500
JD 1530 Dsl., high clearance	$5,200
JD 4010 Diesel, WF	$5,000
Bobcat 530 Skid Ldr.	$4,450
MF 175 Dsl. w/MP	$3,800
Ford 4000 gas, sharp	$2,800
IH 706 NF, TA SOLD rhauled	$2,250
IH 560 Diesel w/Heat Houser	$2,000
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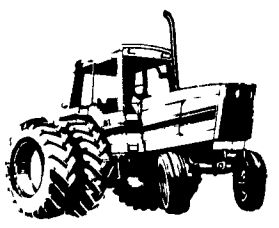

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1980 4240 Quad, fact. cab & air, very nice
JD 4240, PS, fact. cab & air
1976 JD 4430, cab, air, quad range, nice
JD 4430, cab, air, quad range
JD 4020 Dsl., late side console model
JD 4020 Dsl., 1968, WF, dual outlets & diff-lock
JD 4020 gas, Wf, 3 pt.
JD 244 SOLD
JD 720 gas, 3PT
JD 5020, needs engine work, good cond
1981 IH 1086, fact. cab & air, orange stripe w/all the features SOLD
IH 786, 600 hrs., like new
IH 986, 4-post roll guard.
IH 1066 factory cab & air
IH 966 w/cab, nice tractor
IH 966 Fender tract, 3 pt., WF
IH 856 Dsl., 3 pt., WF, year round cab w/air.
IH 766, W SOLD fender tractor.
IH 706 gas, NF, late engine, very nice
IH 656 Dsl., WF, 3 pt., sharp
IH 684 Dsl.
IH 584 Diesel
Farmall 560 dsl., WF, fast hitch
Ford 5000 Dsl., 8-speed gear drive w/roll bar
Ford 5000 Dsl., general purpose
MF 175 Dsl., late model, very nice
MF 175 Dsl. w/multi-power, cheap
AC B w/cultivators
AC G w/cultivators

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IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, w/810 grain head & IH 843 corn head, very nice unit
NI 801 fact. cab & air, rear wheel assist
NI 709 w/air, rear wheel assist
NI 709, cab, air, hydro, late model
NI 704 Gas, late model
Late NI 702 SOLD husking bed, choice of heads
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 717 Combine
NI 710 Combine w/711 Grain Head
NI 325 2RN, 8 roll husking bed
NI 323 Picker
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head.
NI 3 & 4RN Hds.
NI 2, 3, & 4RW hds.
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 650 chopper w/corn & hay head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

IH 400 no-till planter, 4RN
IH 700 5 bottom, 16"
IH 6000 Conservation til chisel, 13-tooth
New Badger 12 ton tandem running gear
3 pt. 10 t SOLD isel, high clearance
Loader for IH tractors- 06 thru 66 Series
Loader for IH tractors, 544 thru 686 Series
JD 110 Disc, 14'
JD AW Disc, 14'
Glencoe Soil Saver, 7-tooth, like new
Glencoe Soil Saver, 9-tooth, like new
JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice.
Grimm Hay Tedder, ground driven

MISCELLANEOUS

JD 158 Loader, fits 4020 thru 4420
IH 2001 Loader
Dual wheels - 34's and 38's
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1957 Dodge 500 straight truck $500.

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- Case 1845 Diesel
- Case 1737 Loader
- Case 450 Crawler Dozer

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- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
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HESSTON FARM EQUIPMENT

case IH

HARVESTING EQUIPMENT
- Hesston 2000-100 Harvester
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- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

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NEW IDEA 404 WHEEL RAKE
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- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Wind-rower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

MISCELLANEOUS
- Martin Equalizer
- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- Int. 56 4-Row Planter
- MF 33 Grain Drill
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
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- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
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- NI 224 Spreader
- IH 595 Spreader
- NH 679 Spreader
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- Weaverline Cart, 30 Bushel

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NH 38 Crop Chopper w/Automatic Hitch, Spout Extension, Hydraulic Lift, Push Bar & Knife Kit $4,600
NH 520 Spreader $3,000
NH 791 Spreader w/Hydraulic End Gate, Splash Guard and Manure Pan $5,250
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NH 162 Tedder, 17', $2,200

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1594 w/cab
885, 4WD, ROPS
234, 2WD
244, 2WD
385, w/ROPS
370 disc, 11'6"
IH 6500 Consertill
800 Cyclo planter, 4R
900 Cyclo planter 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill 18x7 Comb
IH 5100 Grain Drill 20x6 Plain
IH 4600 Vibra Shank

475 Disc, 17'5" Price Reduced

IH 1456 w/Cab Good Tires, Runs Well

USED EQUIPMENT

Dunham Lehr Cultimulcher 12'2" Demo Unit

IH Hydro 70, Dsl.
IH 1256 Tractor
500 Crawler R/C
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Farmall H
Farmall C
Farmall SC w/Cults.
IH 181 Rotary Hoe
154 LoBoy w/Mower
IH 45 Baler
Case 230 Baler
MF 82 Combine
Haines bulk bodies
Ford 230 Disc, 17'
Potato planter
1R Potato Digger
Holland transplanter
IH forage blower
IH 4 btm. semi-mtd plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 455 Corn Planter
IH 400 Cyclo Planter
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XT 190D AC Tractor, Real Nice
AC 5020 w/60" Under Mounted Deck
NH Model 90 Bale Handler
AC 4 bottom SC plow
IH 400 Cyclo 4 Row Planter w/No-Tills Yetter
IH 400 Cyclo 6 Row Planter
AC N5 Combine w/15 Ft. Grain Head & 630 Corn Head
LKS Combine w/Grain And 630 Corn Head
IH 800 4 Row Plate Planter w/Liquid Fertilizer Field Ready
5 Bottom model 700 IH Plow, spring reset

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IH A w/5' Mower
White 12', Trans. Harrow
JD 4-14 Plow
JD 2600, 4B Plow
Brillion 24' Trans. Harrow
MF 4R Cultivator
NH 320 Baler w/Thrower
IH 37 Baler w/Thrower
NH S-69 Baler w/Thrower
MF 10 Baler w/Thrower
IH 1190 M Conditioner
Hesston PT10 M Conditioner
NH 469 Haybine
Ford 501 Mower
NH S-23 Blower
NH 27 Blower
Gehl Blower
Fox Blower
IH Grain Drill
Herd Fert. Spreader
NH 516 Manure Spdr.
NH 352 Grinder Mixer
JD 90 Skid Loader

Coming In...

IH 720 Harvester w/Heads
AC 5050, 4WD w/Loader

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1972 JD 4020 Dsl., WF, Dual Hydraulic
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JD 4020 Dsl., P. Shift w/Cab, very nice
JD 3020 Gas, Side Console, WF, very nice
JD 2940 Dsl. w/Year Round Cab, very nice SOLD
1981 JD 2640 Dsl., 1400 hrs., fully equipped, very nice
JD 2510 Gas, Row Crop
1978 JD 2240 Dsl. 1300 hrs., very nice
JD 1020 Dsl., WF, Hi/Low, 12.4x36 Tires
IH Super C w/Fast Hitch
1981 IH 986 Dsl., Cab & Air, 1700 hrs., very nice
IH 886 Dsl., WF w/Roll Guard Enclosure
IH 766 Dsl. w/YR Cab, very nice
IH 666 Dsl. WF, 3 Pt., 16x38 Rubber SOLD
Ford 2110 Gas w/Blade and Flail Mower, 377 hrs.

CORN PICKERS

NI 325, 2RN, 12 Roll Bed, Late Model, excellent
NI 325, 2RN w/Super Sheller
NI 324, 2RW, 12 Roll Bed, Excellent
NI 323, 1R, excellent condition

LAWN & GARDEN

Farmall Cub Loboy with Rotary Mower
Cub Cadet 1200, 12HP w/Mower
JD 400 w/Mower, P Steering
JD 214 w/Mower
JD 208 w/Mower

NEW ARRIVALS

JD 3300 Gas Combine w/Cab, 1300 hrs., one owner, very nice
Ford 7000 Dsl., WF, 1800 hrs.

COMBINES

1982 IH 1420 Dsl., Cab, Air, Hydro, 700 hrs., Choice of Heads, like new
1982 JD 7720 Dsl., Cab, Air, Hydro, 1200 hrs., very nice
1980 Gleaner F2 Dsl., Cab & Air, 900 hrs., 23" Rubber, Choice of Heads
1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
1979 JD 4400 Dsl. Cab, Air, 900 Hrs., excellent
1979 IH 715 Dsl., Hydro, 23" Rubber, very nice
1978 JD 6600 Dsl., Hydro, 1600 hrs., Choice of Heads, very nice
1975 JD 6600 Dsl., Cab, Air, 23" Rubber, good solid machine
1975 JD 3300 Dsl. Cab & Air, Grain Head, extra nice
1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
MF 300 Combine 2R Corn Head & 12' Grain Table, 1 Owner, very nice $3,650
IH 715 Gas, Hydro w/Grain Head, very nice
NH TR70, Cab, Air, Hydro, Cat Engine, 13' Grain Table
Corn & Soybean Chopper to fit JD 3300-4400
JD 215 & 213 Flex Grain Platforms
MF 13' Grain Platform
IH 820 13' Flex Head
IH 820, 15' Flex Head

Good Selection of Grain Tables
Financing Available on Above Machines

NH 1033 Bale Wagon, 105 Capacity
Kelly 3 pt. Backhoe
Arps 3 pt. Backhoe for 30HP Tractor

HAY EQUIPMENT

JD 337 Baler w/Hyd. Tension, excellent
JD 336 Baler w/30 Ejector, Choice of 2
JD 327 Baler w/Bale Chute, like new
JD 1209 Mower Conditioner, Late Model
NH 488, 9' Haybine
NH 477, 7' Haybine
NH 38 Flail Chopper, excellent condition SOLD
NH 852 Round Baler, Auto Wrap, very nice
NH 847 Round Baler, Auto Wrap, very nice
AC Round Baler, very good
NH 1037 Bale Wagon, 105 Bale Capacity, like new
NH 850 Round Baler
NH 1034 Bale Wagon, Single Bale Unload, 105 Bale Capacity, excellent
NH 1012 Bale Wagon, Single Bale Unload SOLD
NH 1002 Bale Wagon
JD 3940 Harvester, 2RN, Elec. Controls, Cut 150 Acres, Like New
NH 770 Harvester, Elec. Controls, 2R Head
NH #90 Bale Mover
JD 35 Harvester, Choice of Heads

MECHANICS' SPECIALS

Oliver 1850 Dsl., WF $3650

MISCELLANEOUS EQUIPMENT

JD 700 Grinder Mixer
Gehl 95 Grinder Mixer, very good
NH 352 Grinder Mixer
JD Bradco Backhoe for Utility Tractors
18x38-18x34-20x38 Duals
Cabs to fit JD 3010-4320 Tractors
NH 676, 275 bushel Tandem Axle Manure Spreader, 2 Beaters, very nice
JD 450 Hydro Push Spreader
JD Roll Guard, Fits 1020 to 2640 Tractor
IH Roll Guard w/Canopy
IH Add-On Bottom for 710 Spring Reset Plow
JD RG & RM 4&6R Cultivator
McConnell 6R Cultivator w/Danish Tines, very good
JD 260 Loader (New)
JD 400 Bushel Grain Cart

HAY SPECIAL

New Deutz Fahr 2 & 4 Star Hay Tedders... Call For Price
Farmco Bale Wagons

TILLAGE

IH 700, 4x16 Spring Reset
IH 720, 4, 5, & 6x18 Spring Reset
IH 710, 4, 5, & 6x16 Spring Reset
IH 710, 6x16 Spring Reset On-Land Hitch Plow
IH 720 5 Spring Reset SOLD
IH 550, 5x16
IH 450, 3x16 Spring Reset
Glencoe 5' Chisel Plow w/Rake
JD 1450 5x18
JD 3 Base 3 pt.
JD BWF Rock Flex, 18' Wing Fold Disk
JD BWA 18' Wing Fold Disk
IH 500, 12' Disk Harrow
JD 310 Disk, 12'
JD 210, 12' Disk

CORN PLANTER SPECIALS

JD 7000, 6R Cons., Liq. Fert., $4,750
JD 7000, 6R Conservation Planter, Dry Fert. Auger Fill Insect. & Monitor

CORN HEADS

JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, 4RN LP
JD 444, 4RW
JD 643, 6R 30
AC 438, 4RW
AC 430, 4RN
AC Black 430
IH 943, 4RN
IH 844, 4RW
IH 863 Corn Head, 6RN
MF 44, 4RW Corn Head
MF 1163, 6RN

TRACTORS WITH LOADERS

JD 450C Crawler Loader w/Backhoe Attachment
JD 2630 Dsl. Direction Reverser w/146 Loader
Gehl 2600 Skid Steer Loader
JD 300 Gas w/Loader & Direction Reverse, 3 Pt.

1 FARM EQUIPMENT

1985 Case-IH 584 w/2250 Loader 300 hrs. $11,995

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NH 520 Manure Spreader
NH 311 Balers
NH 320 Baler
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NH 30 and 40 Blowers

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SHEETS BROS.
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Zetors Tractor
43 HP 2 Wheel, $9665
43 HP 4 Wheel w/Loader, under $15,000
54 HP 4 Wheel, $13,405
108 HP 4 Wheel, under $30,000

Farmall C
Used NH 851 Round Baler
Helix Grinder Mixer

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AC 7060 Tractor
Excellent Condition
$15,000

AC 7045 Tractor
Power Shift
$15,800

SPECIALS ON NEW TRACTORS

AC 40 H.P. Tractors
Factory Warranty
$7,800 New

AC 50 H.P. Tractors
Factory Warranty
$11,900 New

TRACTORS

AC 7030	AC 7010D	AC D19D	MF 65G
AC 7060	AC 200	AC D14	JD 450 Crawler
AC 7040D	AC 210	AC 5050D	Oliver 1650D
AC 7045D	Oliver Super 77	AC 5040D	Oliver 1750
AC 7020D	AC XT190D	IH 806	AC 175D

New Field Cultivators Model 1200, 10½ to 16½ Ft.
From $1,100 to $2,500

GRUMELLI FARM SERVICE
bobcat
Quarryville, Pa.
717-786-7318

USED TRACTORS

JD 2520 Dsl.
JD 4020 Dsl.
JD 4010 Dsl. w/ROPS
JD 3020 Gas
JD 3020 Dsl., SC
JD 420, 5 SP, Live PTO
Ford 8600 w/Cab
Ford 7000 Dsl., 8 Sp.
Ford 6600 Dsl.
Ford 5000 Gas, 8 Sp.
Ford 5000 Dsl.
Ford 4000 Gas, 8 sp.
Ford 3000 G, P. Steering
Ford 960, WF, P. Steering
Ford 861 G, P. Steering w/Ldr.
Ford 601 G, P. Steering
Ford 601 Dsl., P. Steering
Ford 3600 Dsl. w/Loader
Farmall 140, very nice
Oliver S-55 G w/Ldr.
MF 135 Dsl.
MF 175
MF 150 SOLD r.

USED TILLAGE

Oliver 416 Auto Reset
IH 720, 4x16 Auto Reset
Oliver 516 Spring Trip
Oliver 516 Auto Reset
Case 20' Wing Disk
Ford 12' Disk
IH 10' SOLD
Bush Ho SOLD Disk

MISCELLANEOUS

NI 213 Spreader w/Gate
NI 214 Spreader w/Gate
18.4x34 Snap On Duals
Ford 777F Front End Ldr.
Ford 772 QT Front End Ldr.
Ford 772 Front End Ldr.
JD 48 Ldr.
Cab for 5000 or 7000 Ford
NH 770 PU Head
NH 717 PU Head

USED PLANTERS

IH 56, 2R SOLD nice
JD 1240, 4R Plateless
Ford 30 SOLD 3 pt.
JD FBB 16x7 Single Disk

USED HAY EQUIPMENT

JD 410 Rd. Baler
Gehl 1400 Rd. Baler
NH 276 w/Thrower
NH 310 w/Thrower
NH 315 w/Thrower
NH 56 Rake
NH 55 Rake
NH 256 w SOLD y Whl.
NH 258
JD 660 w/Dolly Whl.
Grimm H SOLD lder
JD 480 Haybine
MF 925 Haybine
NH 488 Haybine
NH 474 Haybine
NH 477 Haybine
NH 467 Haybine

USED FORAGE EQUIPMENT

NH 718 w/Both Heads
Gehl CB600
JD 3800 w/Both Heads
JD 3960 w/PU
NH 707, 3 pt. w/Both Heads
Gehl 710 Wagon, excel.
Gehl 910 3 Beater Wagon
NH #8, 3 Beater w/Roof

LAWN & GARDEN

JD 318 Hydro w/48" Deck
NH S-12 Hydro w/48" Deck
Ford LTD100 w/42" Deck
JD 70 w/32" Deck

Norm Shores & Son Tractor
Towanda, PA
717-265-9014

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SKID LOADERS FOR SALE
Two Melrose Bobcat
1981 Model 843, major overhaul in 1986, all drive motors rebuilt or replaced within past two years $15,000
1976 Model 825, all systems in good working order and spare motor available for purchase $4,500
717-432-9647

USED COMBINES

1984 MF 850 Hydro with 9115 Floating 15 Ft. Grain Head and 1163 Corn Head	$58,000
1982 MF 850 Gear Drive	$29,000
1981 MF 850 Hydro	$34,000
1980 MF 550 Hydro	$15,000
1980 MF 750 Gear Drive	$24,000
1979 MF 550 Hydro	$18,000
1978 MF 760 Hydro	$17,000
1978 MF 760 Hydro	$15,000
1978 MF 750 Hydro	$16,000
1977 MF 760 Hydro	$18,000
1977 MF 760 Hydro	$19,000
1977 Gleaner "M"	$16,000
1976 MF 760 Hydro	$15,000
1976 MF 760 Hydro	$16,000
1975 MF 750 Gear Drive	$12,000
1975 MF 750 Hydro	$14,000
1974 MF 760 Hydro	$12,000
1974 MF 750 Hydro	$8,500
1972 MF 510 Gear Drive	$6,500
1969 MF 300 Gas	$4,000
1969 MF 300 Gas	$2,700
1969 MF 410 Diesel	$5,000
1966 MF 510 Diesel	$2,500
1969 John Deere 6600	$4,500
1975 IH 615 Hydro	$4,500
Like New 1144 Corn Head	$5,500
1163 Corn Head	$5,900
JD 4400 w/Burnt Engine Will Sell In Parts Or Total Of	$2,500

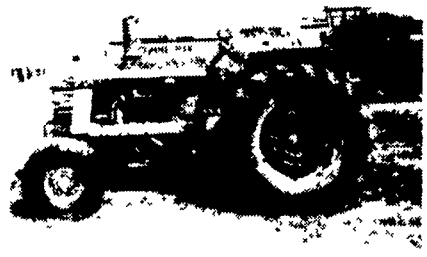
USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill	$9,000
MF 724 260 Bu. Manure Spreader	$6,100
Glenco 12 Ft. Transport Disc	$6,200
Glenco 9 Tooth Soil Saver	$5,900
Glenco 7 Tooth Soil Saver	$4,900
MF 351 19½ ft. Soil Finisher	$6,100
Landoll 10 ft. Soil Finisher	$3,200
Danuser Post Driver	$1,650
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
JD Side Mounted 7' Sickle Mower	$350
Oliver 5-16 Auto Reset Plow	$1,450
Ford 3 Pt. 3-16 Plow	$600
MF 82, 3-16 Plow	$600
MF 880 Hyd. Reset 6-16 Plow	$4,650
MF 345 Spring Reset 3-16 Plow	$2,500
MF 82 Spring Trip Plow	$1,200
MF 41 3 pt. Sickle Bar Mower	$2,400
MF 925 Haybine	$1,500
EZ Trail 6 Ton Running Gear	$550
EZ 475 Bu. Self Unloading Grain Cart	$6,400
Demo Myer 8' Snow Blade To Fit Farm Tractor	
MF 66 Spring Trip Plow	$450
MF 820 Hyd. 19 ft. Wing Disc	$8,500
MF 233 10 ft. Disc Harrow	$4,100
MF 124 Baler	$3,200
MF 120 Baler	$1,200
MF 124 Baler	$1,500
MF 260 Harvester w/2 Row Corn Head	$2,500

DEMO & RENTAL TRACTORS

MF 290, 65 HP	$14,800
MF 270, 55 HP	$13,900
MF 1010, 16 HP	$4,900

USED TRACTORS

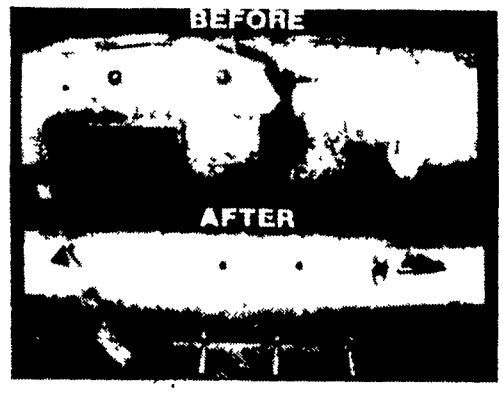


MF 1080	$5,500
MF 250	$8,500

We Are Offering The Following Machines At A Low Rate Of 4.9% Finance Charge AND No Finance Charge Until 9/1/87 OR A Cash Discount

1980 Uni System, Only 1200 Hrs.

801 4 Wheel Drive Unit	$26,000
818 Grain Combine	$6,000
840 Feeder House	$2,000
844N 4 Row 30" Corn Head	$4,500
767 Harvester	$3,300
774 4 Row 30" Harvester Head	$2,900
766 Hay Pick Up	$1,000
	$45,700
1980 760 Combine	$37,000
1984 850 Combine	$34,000
1979 550 Combine	$18,000



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Used Equipment Reduced Prices As Shown

USED FARM TRACTORS

	Tag #	Sale Price
JD 4010 Dsl	#4043	$ 6,950
JD 3010 Dsl S/R, ROM	#2997	$ 5,500
JD 2030 HU Dsl	#3262	$ 9,550
JD 4630 S/R	#3712	$ 9,950
JD 4030 S/R Dual RC	#3748	$12,500
JD 2020 RU Gas w/47 Loader	#3695	$ 7,995
JD 3020 Gas, S/R	#3709	$ 5,995
AC 8050 MFWD, Cab, P/S	#3766	$27,500
Ford 4000 Dsl	#3931	$ 3,500
Ford 600	#2464	$ 2,500
Farmall M	#3953	$ 1,895
Farmall A w/Cult	#3996	$ 1,595
IHC 560 Dsl	#3999	$ 3,900
MF 2745 Dsl w/Dual Whls	#4032	$22,500
MH Pony w/1-Row Cult	#4005	$ 950

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
JD 40 w/Hyd End	#3963	$1900
NH 367 Tank Spreader	#2512	$1,495
IHC 575 w/Hyd End Gate	#3830	$3,950

USED HAY EQUIPMENT

	Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3677	$ 5,295
JD 336 Baler, 30 Ejector	#3244	$ 4,995
NH 270 Cut/Ditioner	#2965	$ 1,595
JD 12-14 Mower Cond	#1507	$ 995
JD 1209 Mower Cond	#3929	$ 3,195

GRAIN DRILLS

	Tag #	Sale Price
JD FB 13x7, sdo, gsa	#2683	$ 695

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5440 SP Cab Power Whl Dr w/3R 30 RC	#3771 #3774	$39,950
JD 5400 SP, Cab, Power wh dr	#2840	$29,500
JD 3800 PT w/2R 30 RC & 5½ Ft PU	#4128	$ 4,000
JD 38 PT w/5½' Hay P-Up	#3288	$ 1,995
JD 3R 30" Row Crop	#2312	$ 1,795
JD 3R 38" Row Crop (SP)	#1431	$ 1,095
NH 782 PT w/2 R-RC, Hay Pickup	#4125	$ 7,795
JD 716 Hi Side 3B Roof Reconditioned	#3755	$ 5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$ 5,995
Grove Wagon 2 Btr	#3796	$ 1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$ 5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$ 5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$ 5,500

CHISEL PLOWS

	Tag #	Sale Price
IHC 3-pt , 7 rigid stds	#3209	$ 895

MOLDBOARD PLOWS

	Tag #	Sale Price
JD 325 4B16 Power Reset	#4085	$1200
White 348, 3-18" sp reset	#3657	$2195
Ford 2B-16 Plow	#4027	$325

CORN PLANTERS

	Tag #	Sale Price
JD 7000 6R-Dry Fert, Insect. Mon	#4107	$6200
JD 7000 6R Cons , liq f , insect, mon	#3386	$7595
JD 7000 6R Cons , liq f , insect, mon.	#3429	$6995
JD 7000 6R Reg., dry f , insect	#3199	$6195
JD 7000 6R Cons , dry fert , insect	#4086	$7750
JD 7000 4R Cons , dry f , Insect, Mon	#3400	$7495
JD 1240 4R, dry f , insect	#3251	$1895
JD 1240 4R, dry f , insect	#2849	$1195
JD 1240 4R Liq f	#3958	$1350
JD 1240 4R Dry Fert , Insect	#4064	$1500
JD 494A 4R Dry Fert	#4194	$395

USED CORN PICKERS

	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$3,995
NI 324 2RW w/8 Roll Husk	#3823	$3,450

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 850 Dsl-2WD w/72 Mid Mower	#413	$7495
JD 365 front blade (fits 650)	#2187	$ 895
JD 67 Loader Like New	#3989	$1,795
IHC Cub Low Boy 154 w/mid mower	#3204	$2500
York RS 5' rake w/casters	#3849	$ 595
IMCO 5' rotary cutter, 3-pt	#3571	$ 425

MISCELLANEOUS

	Tag #	Sale Price
JD 300 30 Ft. Elevator	#3888	$1195
JD P107 3-pt rotary cutter	#2372	$ 250
Friend 3-pt Sprayer 18'	#2813	$ 695
JD 27 Flail Shredder,	#3877	$2995
EZ 1275 Wagon Gear Less Whls	#3896	$ 495

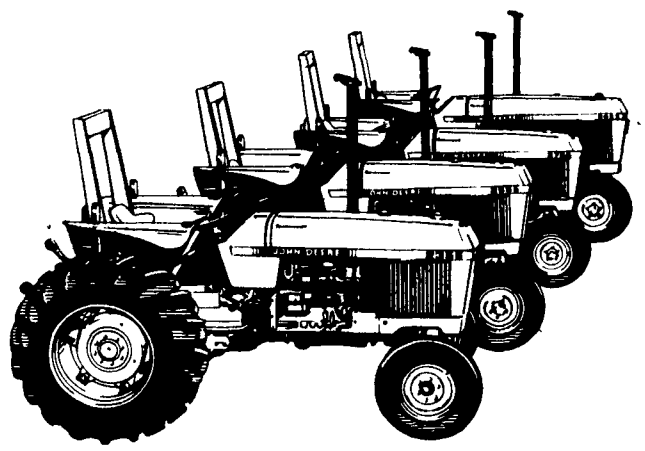
DISK HARROWS

	Tag #	Sale Price
JD 110 14 Ft	#3960	$3350
JD 210 11'5"	#4068	$3100
JD 315 12'-10"	#3506	$5500
JD Kilh 1200 24 bu	#3936	$600
IHC 270 11'4"	#3921	$1975
Ford 240 11'	#3959	$3200

USED COMBINES

	Tag#	Sale Price
JD 6620 SH Cab A.H Stw Spdr w/215 Flex Plat w/643 SH Corn Head	#3315 #3317 #3319	$59,000
JD 4420 Cab A/H Stw. Spdr w/213 Flex Plat.	#2304 #2310	$25,000
JD 7700, Cab A/H, AHHC	#2721	$15,500
JD 6600, SH, Cab, A/H 643 SH Corn Head	#3753 $3754	$23,000
JD 6600, SH, Cab, A/H w/215 Flex Plat w/643 SH Corn Head	#2918 #2923 $2925	$27,900
JD 6600, Cab A/H, AHHC w/213 Flex Plat	#3166 #3193	$21,900
MF 300, Cab A., w/13 ft Platform w/3R30" Corn Head	#2862 #2883 #3058	$6,500
AC Gleaner "F" w/13' Plat w/430 Corn Head	#3686	$13,950

OUR BASIC TRACTOR PACKAGE NOW HOLDS MORE



- The basic John Deere 45-85 hp tractor package now includes a walk-through deck (except for one version of one model). Higher fuel efficiency. Longer wearing clutch. Two-minute daily servicing. And you can add options that fit your needs.
- Five models, better than ever and still at big savings. Price them, try them.

LEADERSHIP YOU CAN COUNT ON

New Models Now In Stock For Immediate Delivery.

New Finance Terms Available

JDFP Finance Terms- Approved Credit

Waiver On Farm Tractors
50 Series Utilities
12 Mo. Waiver From Date Of Sale

55 Series Utilities
6 Mo. Waiver From Date Of Sale

New Row Crop
12 Mo. Waiver From Date Of Sale

Used Tractors
Waiver To July 1, 87, Extended Waiver Available

Waiver On New John Deere Combines, Jan. 1, 1988
Used Grain Combines- July 1, 1987
Used Corn Combines- Sept. 1, 1987

Waiver On New John Deere Spreaders
6 Months From Date Of Sale

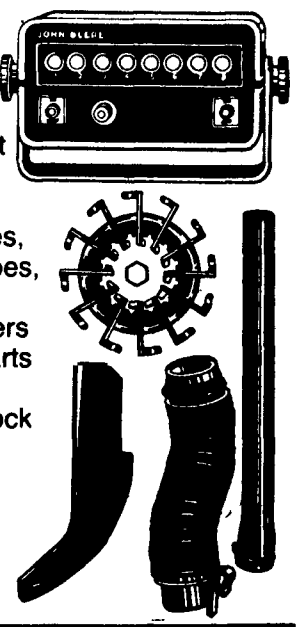
Waiver On New Tillage Tools Plows, Harrow, Mulch Tiller
Nov. 1, 1987

Waiver On New 7000 Corn Planters
May 1, 1988
(1-6R Consv. In Stock)

Is your planter ready?

SEE US RIGHT NOW FOR ALL THE PARTS YOU'LL NEED FOR LIKE-NEW PLANTER PERFORMANCE

The success of your crop depends on the performance of your planter. Don't take chances. Get your planter in shape right now with genuine John Deere replacement parts. See us for fingers, brushes, carrier plates . . . seed tubes, closing wheels and drive chain . . . hydraulic cylinders and hose . . . whatever parts your planter needs. Don't wait. Stop in soon and stock up on dependable John Deere planter parts.



LAWN/GARDEN

A Good Selection Of Used JD & Other Makes Lawn/Garden Tractors & Mowers

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LANDIS BROS., INC.

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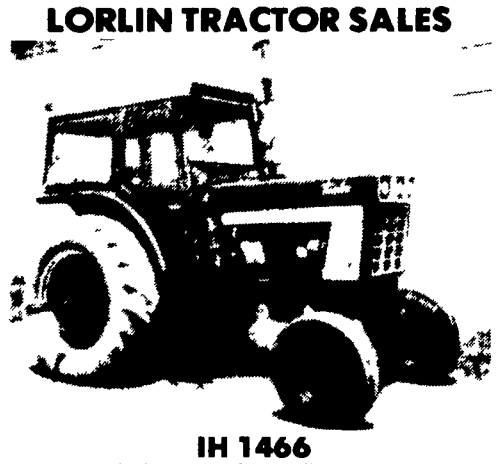

IH 1466
Cab, 2500 Hrs., Torque, Dual PTO, Clean
$7,500

IH Utility Rollbar	$300
M & W Turbo Off 856	$500
IH 2250 Loader, Like New	$2,500
JD "R" Diesel PTO	$3,500
JD 2510 WFE, Powershift	$4,500
JD 4020 WFE, Powershift	$5,900

717-532-8926
Can Finance **No Sunday Calls**

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

Interest Free Financing Till Sept. 1, 1987

USED COMBINES

JD 6600 LL, rotary screen, 1,400 hrs , dsl , cab, AC, very good, $19,000
JD 6600 Side Hill, dsl , hydro, cab, AC, 2,000 hrs , excellent
MF 760 hydro, cab, AC, 24 5x32 tires, good, 1163 CH, 15' platform, $27,000
MF 750 hydro, cab, AC, nice, 1163 CH, 15' platform, $27,000
MF 510, cab, dsl., platform, $7,500
IH 205, cab, 10' platform
AC model K, cab, platform, 3 row head
2 - JD 215 flex platforms, good $5,000-$6,000
JD 213 flex platform, good, $6,000
JD 444 corn head, good, $3,000
(2) MF 44 corn heads, good, $2,800 ea
NI 710 Uni combine w/10' platform, $2,500
NI 325 2RN sheller, good, $4,500

USED TRACTORS

JD A Tractor w/picker
JD B, for parts
MF 65 gas, good, $2,500
IH 1486, cab, duals, nice
Farmall A
Farmall H $900
Farmall 544, tricycle, 3 pt , good, $4,500
Farmall 350, $1,200
BN Farmall w/plow, cults , harrow
BN Farmall w/sickle mower
AC WD w/2 btm plow, good, $1,300
1850 Oliver, cab, 92 h p , good condition, $6,500
1952 8N Ford, overhauled, excellent

TILLAGE

9' Case transport disk
JD RWA 8' disk
JD RWA 13' Disk
JD 12' KBA transport disk
IH 450 auto 3 btm , 16" reset plow, excellent
MF 345 3 btm 16" mounted plow, very good
(6) 2, 3, 4, 5 bottom plows
18' transport harrow, Special $900
12' JD drag harrow, good, $500
12' Dunham cultimulcher, very good

DRILLS & PLANTERS

JD FBB 16x8 Hoe Drill, grass seed, excellent
JD 1240 planter, good cond.
IH 56 4 row DD, dry fert
IH 510, fert., grass seed
JD 7000, 6R Cons., Dry Insect , Sharp, $8,500
Cockshutt 13x7 single disc drill, good

HAY, FORAGE & MISC.

JD 14T baler, nice
NH 69 Baler, good
NH 269 Baler w/thrower
NH 273 Baler, excellent
IH 241 round baler, very good
IH 430 baler w/thrower, good
NH 479 hay bine
JD 480 mower conditioner
IH 990 haybine, 9', $1,300
NH 460 haybine
JD #15 Flail Chopper
JD 38 Harvester
Fox Harvester w/2 heads
NH 880 Forage Harvester w/2 heads
JD 115 Forage Box
JD 40 Spreader, excellent
NH 328 Spreader

NEW TRACTORS & SKID LOADERS

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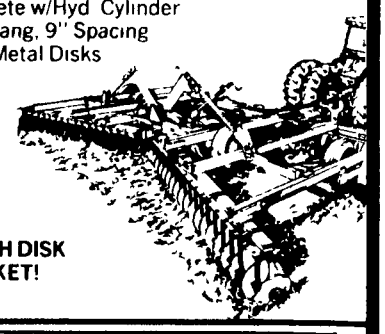
Case IH 3594, 4WD, with Cab & Air
Case IH 3394, 4WD, Cab & Air
Int. 234 Hydro 2WD Tractor - 1 In Stock - Call For Special Price!
Case 2294 — 4WD — Extra, Extra Special Price - Rental Unit
Case IH 2096 — 2WD & 4WD — Cab
Case IH 2294 — 2WD — Cab
Case IH 385, 4WD
Case IH 485, Low Profile Orchard Tractor
Case IH 585 w/Shuttle Shift
Case IH 585 Low Profile Orchard Tractor
(2) Case IH 685's In Stock, Low Profile Orchard Tractor
Case IH 1594, 4-Wheel Drive, 2 Post ROPS w/Power Shift
Case IH 1594, 4WD, Cab & Air
Case IH 139- SOLD heel Drive, Cab, Power Shift
Case IH 1394 2WD, Cab, Power Shift
Case IH 1394, 2WD, 2 Post ROPS, Power Shift, Turf Tires
Case 1835 B Skid Loader
Case 1816C Skid Loader

Call For Special Case-IH Programs

CASE 2294 MFD, Cab, Rental Unit, Low Hours ~~$39,950~~ **$35,950**

Case IH 496 Disk Harrow, 19'1", 52 Disk, Set Up Complete w/Hyd Cylinder & Tires, Standard Gang, 9" Spacing w/Hvy Duty Earth Metal Disks

SPECIAL
$9,299



THE BEST FINISH DISK ON THE MARKET!

USED EQUIPMENT

TRACTORS:
IH Farmall "C"
Farmall B w/Cultivators
Farmall Super C w/Fast Hitch & Cult
Farmall 400 Gas, Tricycle
Int. F12 w/cult., $550 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 300 Utility
IH 350 Utility
IH 460 Utility Gas - Real Nice Cond!
IH 656 Diesel - $4,850
MF 135 gas, low-profile orchard tractor
Case 990, Ex. Cond
John Blue G1000 w/Front Cultivators,- Good For Truck Patch Work
Coming In - 424D w/Freeman Loader
Coming In - Farmall 460D, Tricycle

TILLAGE:
Brillion Vibra Tine Trailing Field Cult , 16 Ft , Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' – $750
JD BWA 12' Disk
Krause 1740 Heavy Duty Disk, 36 Disks, Cushion Gang
IH 37, 35 In Various Sizes
IH 550 5-Bottom Semi Mtd. Plow
IH 3 Pt. Hitch 2-Bot. Plow
Int. 360 20 ft Trailing Field Harrow
1-Bot Trailing Plow
Vicon 10' Power Harrow – Was $2,500 – Now $950
White 264 Disk Harrow - Nice Shape
White 508 5-Bot. Reg Trip Semi-Mtd. Plow
White 283 18 ft. Folding Field Harrow w/Midwest Buster Bar - Nice Shape

COMBINES: 8.8% Int. or Waiver Til 11/1/87
AC FKS Diesel w/4-Row Wide Cornhead & 13' Platform, $13,500
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead – $3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd And 13 Ft Soybean Platform w/23" Tires $27,500
744 Wide Cornhead for 715, Ex Cond
743 Narrow Cornhead for 815, Ex. Cond

IH PARTS COMBINES:
IH 315 Hydro & Plat
IH 315 Gear & Plat
IH 403 Gear, 4R Wide Hd & 12 Ft Plat
IH 227 Cornhead
IH 700 13' Platform

PLANTERS:
IH 56 4-Row Planter
IH 400 SOLD Row Cyclo Plan
IH 2-Row Fast Hitch
IH 455, 4 R SOLD DD, w/AC No Till Coulters
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq Fert , 30" Rows w/DEMCO Squeeze Pump – Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD
JD FBB 15x7 SD
IH No 10 20x6 DD Plain Drill
IH 5100 18x7 Plain Drill with Press Wheels

HAY & FORAGE:
IH 61 Forage Wagon - $750 Now $250
NH 33 Flail Chopper
NH No. 26 Blower
(2) NH No 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. — Make offer!
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower- $1,500!
(2) IH No. Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
NI Stalk Shredder, 12'

OUTDOOR POWER EQUIP.- OVER 20 USED L&G TRACTORS IN STOCK AT ALL TIMES
Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 982, 20 Hp., w/50" Mower-Rental Unit - $3,500!
(2) JD 110's w/Mowers- Nice Shape
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower - $850

MISCELLANEOUS:
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $550
ARPS 3 pt 78" Snowblower
Walsh 300 Gal Trailing Sprayer - $500
Howard Rotovator, 54", 3 pt Hitch, Hvy Duty - $1,050 Now $850!
Century 300 Gal Trailing Sprayer - $750

MATERIALS HANDLING:
Farmhand Loader for IH 74 or 84 Series Tractor

LOOK!!!

Call For Special Programs!

- Case IH 415 Packer Mulcher In Stock
  Size: 13'2", SOLD , 10'2"-19" Rollers, Vibra Tine Teeth- Ready To Go!
- Case IH 475 12' Cushion Gang Disk
- Case IH 720 6-Bot. 18" On Land Plow
- Case IH 730 4-Bot. Vari-Width Plow
- Case IH 4500 Vibra Shank Field Cultivator
- Case IH No. 14 5-Shank Auto Reset Subsoiler
- Case IH No. 10 5-Shank & 7-Shank Subsoilers
- Case IH 183 6-Row VS Cultivator
- (2) Case IH 181 Rotary Hoes, 15 Ft., In Stock

NEW EQUIPMENT

Case IH 445 Baler with Thrower $10,795
Case 1835B Skid Loader, Diesel, 60" Bucket, 115 Hours, Repo. Unit - 8.8% Financing To Qualified Buyer $12,100
Case IH 50 Shredder
Case IH 900 Planters - 4 & 6 Rows
Case IH 1490 12' Hydroswing
Case IH 96 Hydraulic Rake
Case IH 97 Rake
Case IH Dual Hitch For 2 Rakes

ONE-ONLY SPECIALS...

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Item	SALE
Butler Model 115 Ensilmixer with OMP 4 Pt Scale System Less Motor, Weathered List $9,742	(One Only) $5,298
Ag Tech 8 Ft Box Scraper w/Hinged Back - List $850	(One Only) $650
KH 300 Fahr Tedder List $1,795	(In Crate) $1,495
Simms Roll Bar Cab w/Enclosure For IH 74 Series List $1 075	$550
Meyers No 518 SF 18 Ft Box, 3 Augers	$4,995
Trailblazer Foam Marker Kit List $975	$695
John Blue L74 Sprayer, 500 Gal Poly Tank, 40' Truss Boom 4900 2 Piston Pump, PTO Cent Agitation, 12 5Lx15 Tires Weathered Demo Unit	$6,295
John Blue 700 Model 300-Gal Poly Tank, 30' Boom w/Shocks, 4400 Single Piston Pump, PTO Cent Agitation Weathered	$4,995
John Blue Quick Attach Saddle Tanks 260 Gals	Best Offer Over $995

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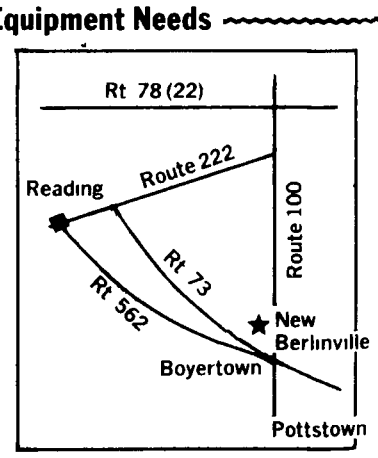
- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Brouwer Turf Equip
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Hedlund Martin
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip



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(2) 605 J Auto Weave Balers (New)
(1) 9 ft Disc Mower Conditioner

NEW VICON EQUIPMENT

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(1) KM 281 Mower Conditioner, 9' 5"
(3) KM 241 Mower Conditioners, 7'10"
(1) OM 281 Mower Conditioner
(1) OM 241 Mower Conditioner
(1) RC 330 Tedder Rakes
(1) RS 510 Tedder, 3 Pt Hitch
(1) RS 610 Pull Type Tedder
(3) PS 1002 Seeder Spreaders
(1) LS 300 M Sprayer, 21' Booms
(4) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(3) LS 1410T Sprayer
(2) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

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(3) MF 1010 Tractors w/Mowers
(1) MF 1035 Tractor
(1) MF 1045 Tractor
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500 Gal Century Sprayer

USED EQUIPMENT

Used JD 4450 w/MFWD

TRACTORS

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JD 8450, low hrs , w/Folding JD 335 Disk	
JD 4630 w/duals, PS, engine overhauled	$17,000
IH 1486 w/Duals	$15,900
IH 350 w/Loader	$ 1,700
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MF 1105 w/Cab	$12,500
MF 165 Dsl	$ 4,900
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AC D14	$ 2,500
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JD 90 Skid Loader	$ 4,000
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Ferguson 20 w/Woods Belly Mower	Coming In

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JD 444 Corn Head	$ 4,500
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JD 4RN Max Emerge	$4,900
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NH 851 Round Baler	$ 4,500
JD 994 Rake	$ 500
IH 720 Harvester w/2 Heads	$ 3,500
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JD 40 Spreader	$ 1,600
NI 200 Bushel Manure Spreader	$ 1,500
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NH 273 SS Baler w/54 thrower	Butler 280 Ensilmixer Stainless Steel Lined
NH 275 SS Baler	NH 467 Haybine
NI 214 Spreader, good condition	NH 469 Haybine
NH 310 Baler	NH 489 Haybine
NH 315 SS Baler Exc	Gehl 99 Blower w/High Thrower
Butler Oswalt 1830 Ensilmixer	NH 28 Blower
	Case 1830 Skid Loader

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SELF PROPELLED & PULL TYPE HAYBINES

Stock #	
UB0034	NH 495 12 Haybine w Lat Transport
UB0114	NH 479 Haybine
UB0134	NH 479 Haybine
	NH 499 Haybine w Hyd Guard Angle
	NH 467 7 ft Haybine
	JD 1[SOLD]aybine 9 Ft
	JD 1209 Haybine 9 Ft
UB0090	NH 1495 (Gas) Planetary Dr w Partial Cab

BALERS

UB0019	NH 3[SOLD]er w #70 Thrower
UB0131	NH 320 Baler w/#70 Thrower
UB0139	NH 276 Baler w/#58 Thrower
	NH 278 Baler w Thrower
	NH No 70 Bale Thrower To Fit 320 Baler
	NH 1037 Bale Wagon Used 2 Seasons

UNI EQUIPMENT

	705 Uni Tractor w Wgts
UA0055	766 Hay Pickup
UA0056	763 3 Row Chopper Head
UA0012	760 Uni Harvester
	766 Uni Hay Pickup
	2 762 2 Row Chopper Head (38)
UB0041	741 Feeder House (As Is)

PULL TYPE HARVESTER & HEADS

UA0040	NH 880 R 2 2 Row Corn Head (38)
UA0064	NH 717W Hay Pickup Head
UB0135A	JD 2 Row Corn Head (30)
UB0135D	JD Hay Pickup Head
UB0135C	JD 1 Row Corn Head
UA0030	NH 741 1 Row Corn Head
	NH S717 Forage Harvester w 1 Row Cornhead
	JD 38 Forage Harvester
	JD 2 Row Wide Cornhead

MISC.

UC0039	NI 213 Manure Spreader w Hyd Endgate
	NI 214 Spreader w Hyd Endgate
UB0106	M&W 12 Field Cultivator
	Int 550 Manure Spreader w End Gate
	Scavenger II Model S1666 Spreader Nice!
	NH 329 Manure Spreader w Hyd Endgate
	Gehl FB88 Forage Blower
	NH L35 Skid Steer Loader

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SPECIALS!

14' Starline #70 unloader	$700
20' Silomatic unloader, complete	$950
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Good used NH discbine 717 534 1253

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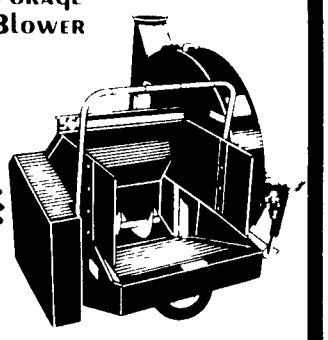
PEERLESS FORAGE BLOWER



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WARNING, ALL SILO OWNERS

Check Your Silo For Bad Staves or Rotted Concrete From Corn Juice. Also Check Plaster, Unloader Cables, Unloaders, Etc.

If You Have A Problem - Don't Fill It - Get It Fixed, Or Check Your Insurance Policy.

A Silo Is A Building That Needs Maintenance To Stay There

This Public Service Message Courtesy Of:

Lancaster Silo Co., Inc.
2008 Horseshoe Road
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- 12 Ft. Jamesway VI Unloader, Complete
- 20 Ft. Badger, Complete - Runs Good
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- 20 Ft. VIII Unloader, Complete - Excellent Shape, Rebuilt ½ Yr. Ago
- Bedding Chopper
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- Tapered Board Feeder, 70 Ft.
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- Wooden Conveyors w/Motors, Excellent Condition - 30 Ft , 31 Ft., 59 Ft.
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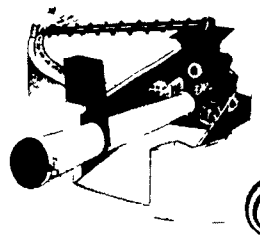
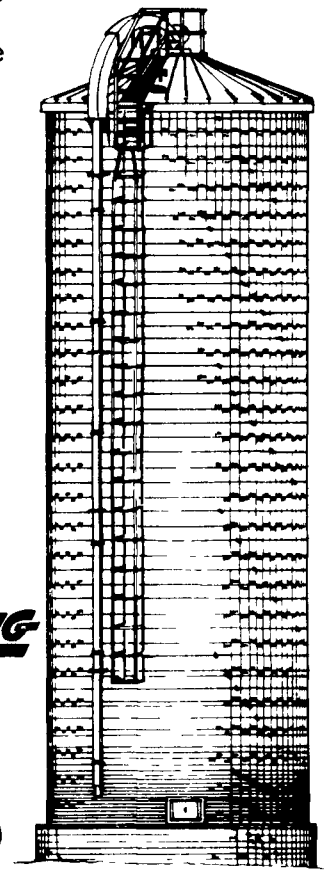
FICKES BOTTOM UNLOADING IS THE BEST WAY TO HANDLE YOUR HAYLAGE

- Marble white color reflects 3 times better than dark color
- Corrugated, Vibrated concrete staves for increased strength
- White reflective low-profile roof
- Heavy duty pressure/vacuum valve
- Pre-galvanized full guide
- Laidig bottom unloader
- Knowledgeable, experienced, cordial field representatives
- Thorough, skillful, on-time delivery & erection
- Enjoy the many benefits of bottom unloading



LAIDIG 98 FORAGE UNLOADER



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NEWVILLE PENNA 17241

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20' Hercules unloader Make Offer 814-766-2733

20x33 Harvestore structure w/auger unloader Available for removal late summer. Make offer. 717-837-3192.

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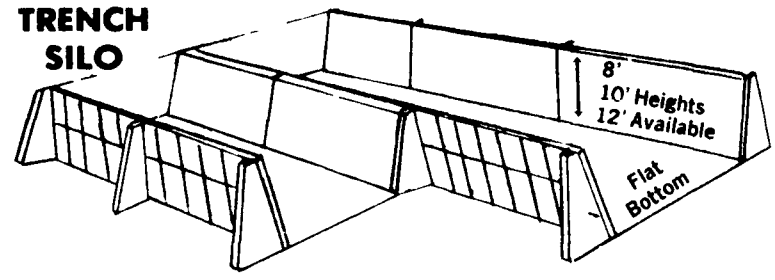

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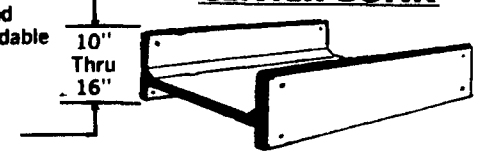

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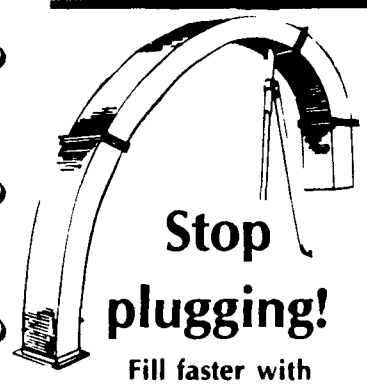

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You can blow in as much as three tons of haylage a minute—over 100 feet up—with a new 12 center fill Gooseneck from Lancaster Level Flo High profile and 33% larger diameter reduce friction to make plugging a thing of the past And the Lancaster Level-Flo 12 gooseneck is fully enclosed to make sure your silage and haylage go into your silo—not on the roof

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- * Lancaster Level Flow 12" Gooseneck
- * New Supreme Power Sweep Unloaders

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Silage Baggers, Round Bale Wrappers And Bags

An economical system for making and storing excellent silage.

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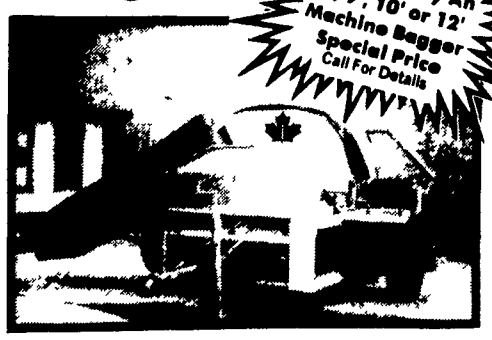
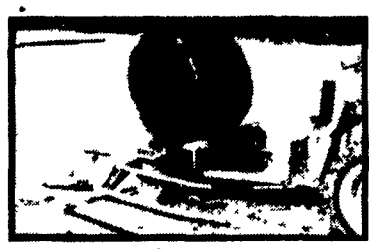


Find Out Why The Wrapper Is Better Than Hay Bags. SilaWrap System... New For 1987



- The lift-arm places the bale on the turn table.
- Silawrap film is then attached to one of the bale strings.
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"THE ECONOMICAL CHOICE"
STORAGE FOR ANY FORAGE
Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges, It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base.

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- Systems Adaptable To Any Type Equipment
- SCS Approved

"MANURE STORAGE SYSTEMS"

- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.

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Common Uses:
Wood Chips • Sawdust • Bark • Sand & Aggregates • Coal • Grains • Meals • Plastic • Water & Liquids • Any Flowable Materials

Advantages:
- Designed according to your specific needs by registered, professional engineers
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- Standard 6" steel-reinforced, poured concrete walls
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- Maintenance free
- Concrete wall reduces product freezing in winter and heating in summer
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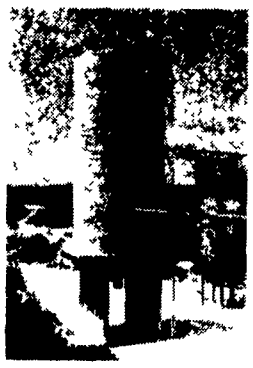
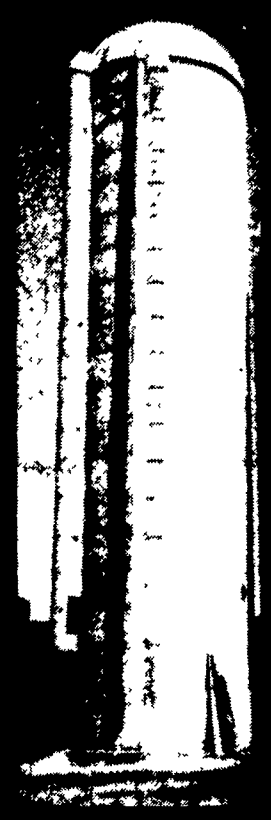


CONVENTIONAL SILOS



Top Unloading
Jim Rowland
20'x72'
Hancock, Md
(Hickory Run Farm)

Since forage quality is so important to today's dairy farmers, it is very important to consider factors that might improve that quality.

Many farmers are finding that an upright silo is a good investment because of increased feed value of haylage. Samples of wilted hay from University forage analysis programs are running 3.5-4 percentage points higher in crude protein than the average hay sample.

There is no better upright silo than a poured Sollenberger Silo! The strong, smooth walls reflect heat so that your forage protein doesn't suffer from heat damage.

You will appreciate the quality of a Sollenberger Silo, and "your cows will just love you" because of the high quality feed.

A Sollenberger Silo keeps feed good, and unloads easily, at the 50%-58% moisture level.

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- Horizontal and Vertical Reinforcing Steel (Exceeds ISA Standards)
- Concrete Chute - Poured with wall
- Redwood Doors - Large 24"x32"
- Fill Pipe
- Outside Galvanized Ladder With Safety Cage
- Many Extras To Reduce Maintenance Costs For Many Years

"BOTTOM UNLOADING"

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- Laidig 98 - For Grains And Forages
- Laidig 198 - For Those Big Silos And Tough Unloading Jobs.
- ✓ Smooth 6" Poured Concrete Walls
- ✓ Sure-Seal Filling System Opens And Closes From The Ground -
- ✓ Safety Rail Around The Poured Concrete Roof.
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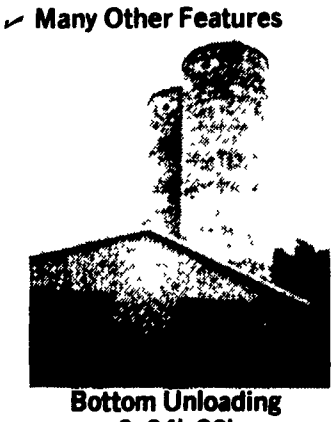
- ✓ Many Other Features



Bottom Unloading
2, 24'x80'
Windy Hill Farm
Titusville, PA

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PRE-CAST CONCRETE FEED BUNKS

You Spend A Lot Of Time And Money Producing And Storing Your Good Feed Crops. Don't Just "Get By" With A Feeding Bunk That Wastes Feed Or Is About Worn Out. Your Best Choice For A Feed Bunk Is Pre-Cast Concrete.

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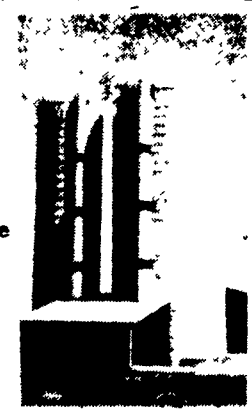

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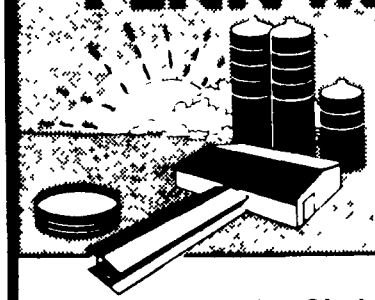

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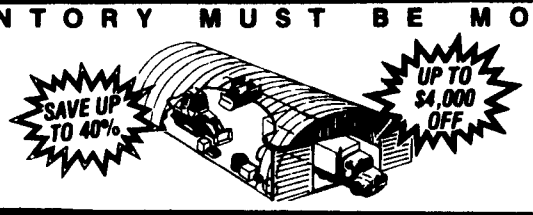

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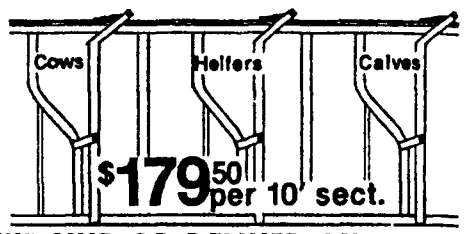

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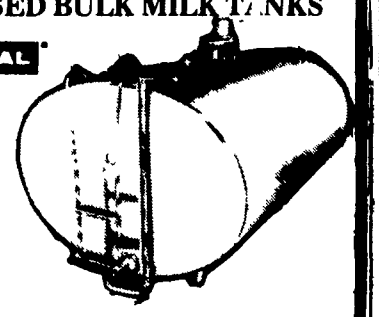

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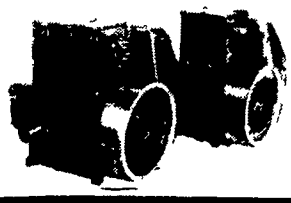

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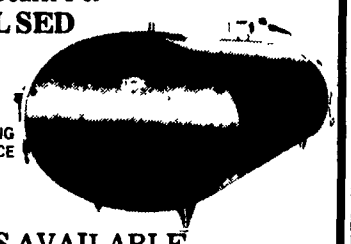

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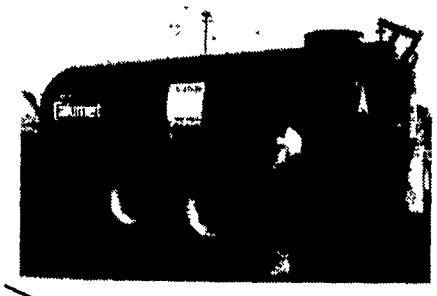

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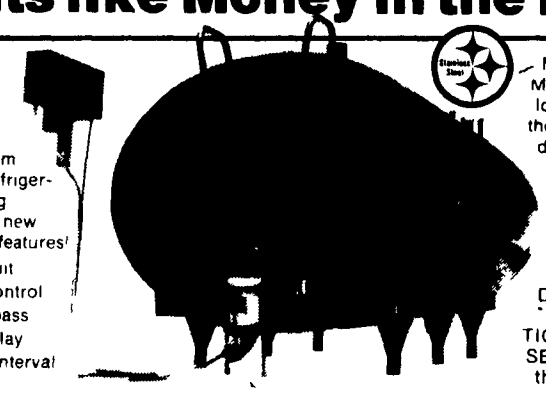

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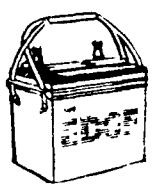

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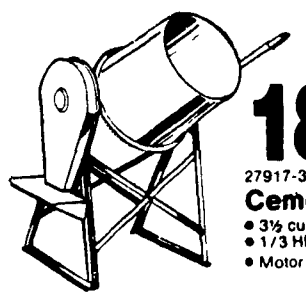

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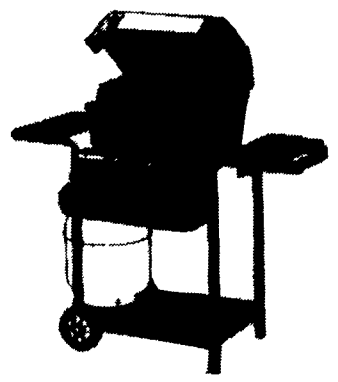

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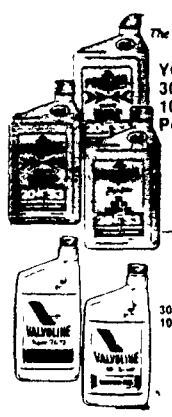

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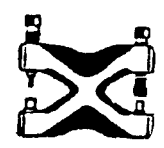

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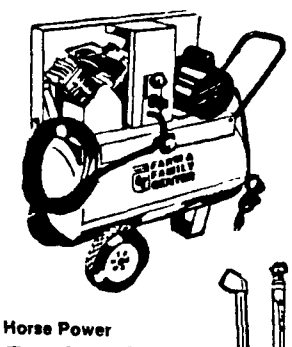

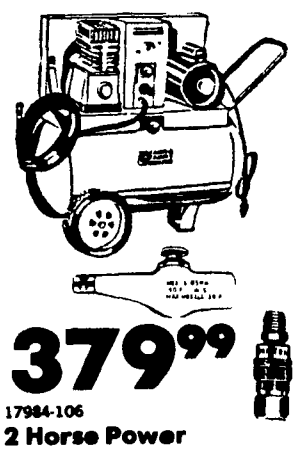

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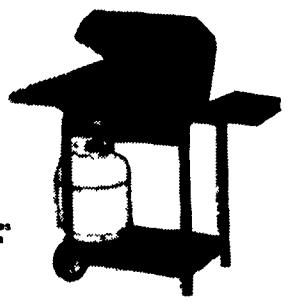

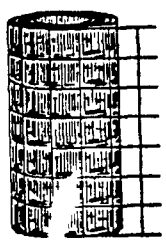

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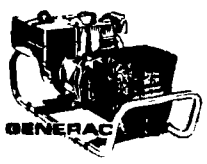

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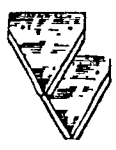

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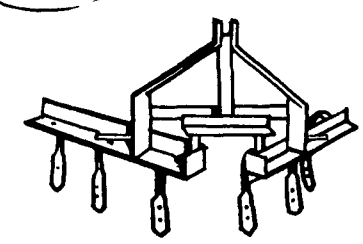

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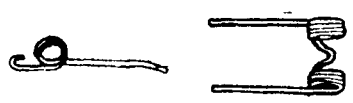

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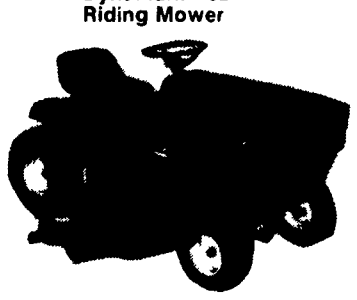

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Champs Return To Devon Horse Show

DEVON — Seven 1986 hunter champions will be returning to Devon May 22 to defend their titles in a competition which is not only unique to this country but also may contribute to our success in international and Olympic competition.

The 91st annual nine-day Devon Horse Show and Country Fair benefits the Bryn Mawr Hospital for which it has raised over $5.5 million since 1919.

Last year's Grand Champion Hunter, Nobel, owned by Jane F. Clark of New York City, will return to the Dixon Oval under the guidance of Olympian Leslie Barr Lenehan.

"Devon is the nicest place to show hunters outdoors," says Lenehan.

Although she is usually found negotiating huge, tricky open jumper courses, Lenehan loves to show hunters and was Leading Hunter Rider at Devon in 1986.

"Part of our country's success in international riding is due to our riding hunters and to hunter seat equitation, both of which are unique to this country," she explains. "They develop a smoother way of riding and a better eye, because you have to find a good distance to the jumps without making a major adjustment."

A hunter does not have to be a particular breed, but he does have to possess good looks, refinement, grace, manners and the appearance of being a pleasure to ride.

Hunter riding stems from the tradition of foxhunting, for which a mount needs to be well-behaved, athletic and obedient.

Also returning to defend their titles are Champion Working Hunter Pathfinder, owned by Pin Oak Farms of Lake Forest, Illinois, and 1985 Grand Champion Just For Fun, owned by Lauren Kaskel of Harrison, N.Y.

Green, Working and Conformation Hunter classes run from May 25 to May 30.

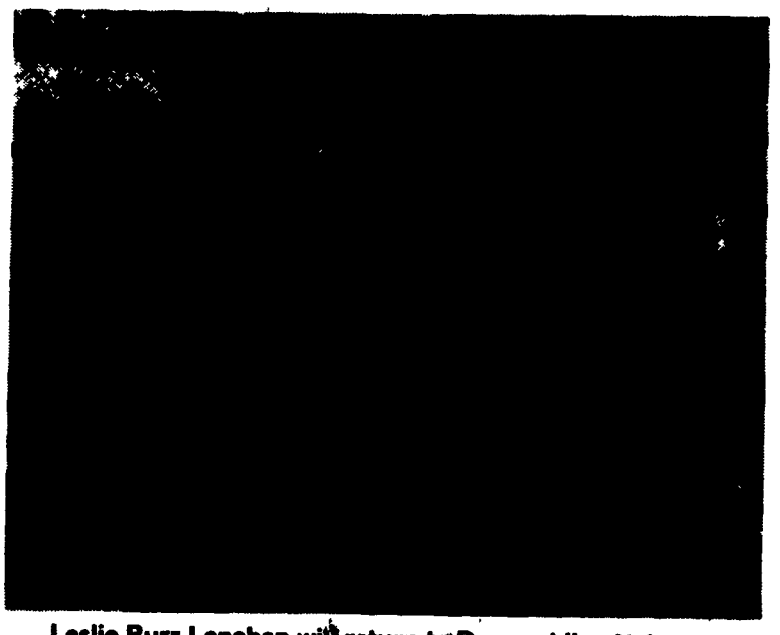
Another Devon tradition is a hunter breeding division for young horses. They are judged in hand for conformation, type and way of moving, and a ribbon at Devon will greatly enhance a young horse's value, even if he's never been ridden.

Young horses are vanned to Devon from all over the East Coast for the judging, which starts at 8 a.m. Thursday, May 28.

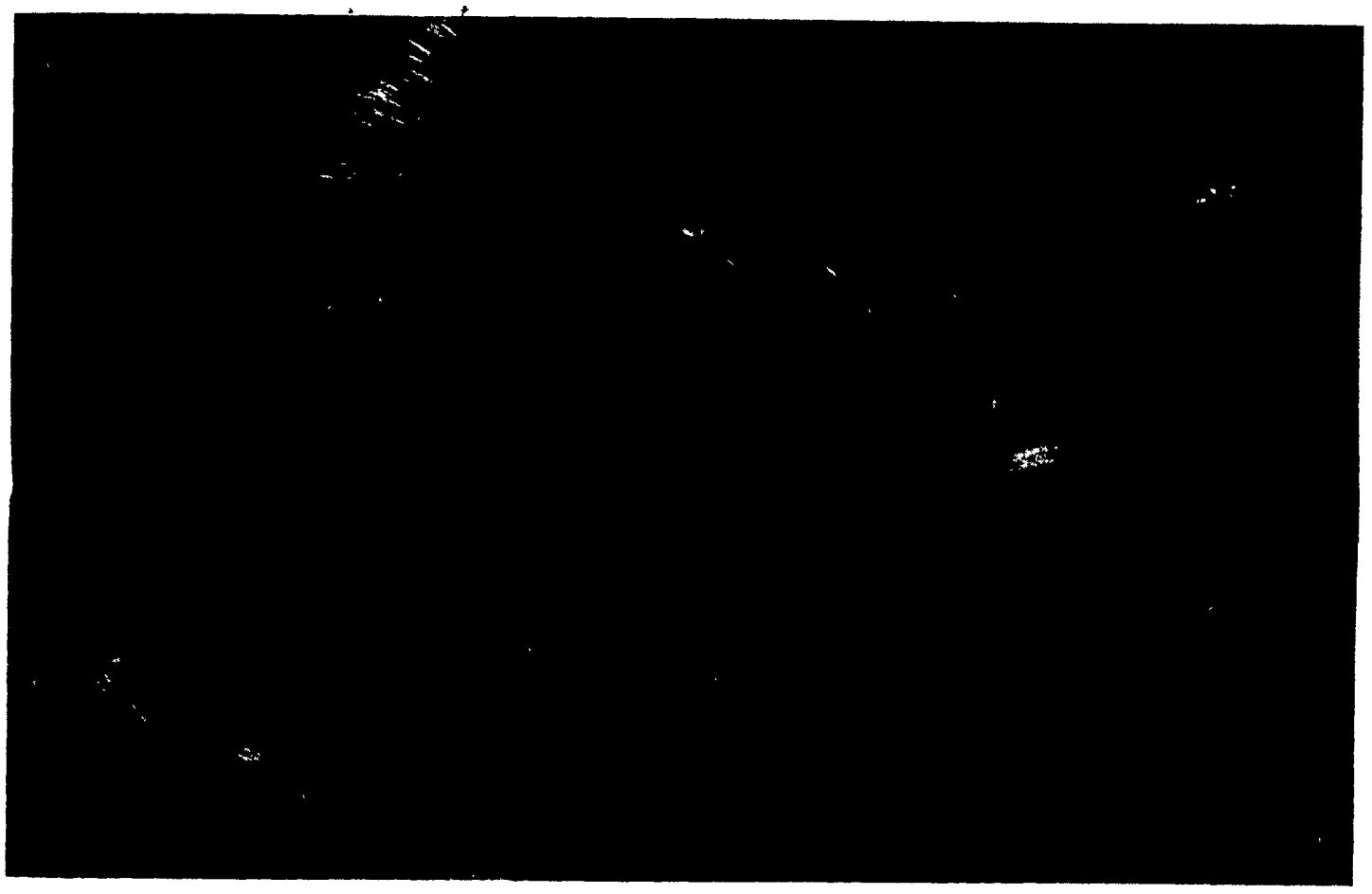
The County Fair includes an array of boutique shops, a delicious assortment of food and drink and a midway for the kids.

Admission to the show grounds, located on Route 30, is $5 for adults at the gate or $4.50 puchased before May 15. Children under 12 are $2 at the gate or $1.50 in advance.

Reserved seating is available. For ticket information call 215-688-2554, Monday through Friday, 10 a.m. to 3 p.m.



Leslie Burr Lenehan will return to Devon riding Nobel, last year's grand champion hunter owned by Jane F. Clark.



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Solve Some Gardening Dilemmas

YORK — Does rainwater from your neighbor's property drain onto your garden? Is your garden on a steep slope where you want to plant perennials, shrubs, or azaleas? If so, planting on the contour or building a terrace could solve a gardening dilemma.

A contoured or terraced garden channels water across the slope instead of down. This not only controls erosion but helps distribute water evenly.

Contoured Garden

To contour your garden, follow the natural lay of the land. First, find the contour line. An efficient leveling device can be made from an ordinary carpenter's level mounted on a 2 by 4. To determine a level line begin about the center of the slope. Lay the 2 by 4 along the slope and move one end up or down until the bubble on the level is centered; mark the spot with a stake. Repeat this process across the slope to establish the contour guide line. Plant your rows of vegetables or flowers parallel to this line.

As you cultivate the garden, leave small channels between the rows to collect and hold the moisture so that it soaks into the soil.

Terraced Garden

To build a diversion terrace, simply make a ridge with a shallow channel on the upper side of the slope. Build it up with a hoe or spade. If your garden is large enough, give the terrace a slight grade so that water does not stand in the channel but flows off gently. This water should flow onto a grassed area to prevent erosion. Make the terrace high enough to carry all the water that is intercepted. Make it wide enough so that you can work over it easily and so that it blends in with the natural shape of the land.

Rock Terraces

If your garden is on a fairly steep slope, consider building rock terraces. Beginning just below the top of the slope, place flat stones on edge in the soil to make small benches 2 to 4 feet wide, depending on the slope. Each bench should slant slightly toward the original slope. The water that is caught and held on these slopes will supply moisture to the plants.

This kind of terrace requires a lot of stones and a lot of work in a large area, but it works well on short slopes. Slightly irregular stones are more attractive than bricks or blocks, which are pushed out of line easily by frost action.

Ancient Potato Farming Practice Protects Against Total Crop Failure

ITHACA, N.Y. — In peasant farmers' fields some 12,000 feet up in the Peruvian Andes, Deborah Rabinowitz found dozens more varieties of potatoes than are commonly grown in the entire United States. The Cornell University ecologist thinks a lesson learned hundreds of years ago by the indigenous agriculturalists still applies in modern Peru and other developing nations.

"Diversity may mean lower yields, but it also means lower risk," said Rabinowitz, who is an associate professor of ecology and systematics. She did her Peru research in the mountain village of Tungasuca.

"The chances of crop failure are reduced by the traditional practice of polyculture {the growing of many varieties of one type of crop}," she said. "There are a lot of hazards to genetic uniformity."

In the United States today, only six varieties of potatoes account for about four-fifths of all commercially grown spuds. Most American farmers plant a single crop of the potato that is most productive and profitable for a specific purpose: baking, boiling or slicing into chips.

That system, called a monoculture, caused nearly a million deaths from famine 140 years ago when the "late blight" fungus wiped out the narrow genetic base of the potato crop in Ireland.

But the Peruvian Andes is home to an estimated 3,000 to 5,000 varieties of potatoes. They come in all colors and virtually every shape imaginable.

New varities constantly are arising in the mountain fields because the peasant farmers allow wild potatoes to grow as weeds near their plantings of domesticated potatoes. Cross-pollination by insects produces new hybrids. Seed potatoes from the hybrids are planted — either accidentally or deliberately — along with the domesticated seed potatoes in the following years' crops.

Potato crop failures in the Southern Hemisphere, where the growing season runs from September to May, can result from drought, heavy frost, insect or plant disease attacks, or too much rain. None of the potato varieties is immune to all of nature's setbacks. The tremendous variety assures farmers that some of their crop will survive any catastrophe.

The new varieties may not be the most productive. And some — such as the one called "the potato that makes young brides weep" because it is so knobby and hard to peel — are not best sellers. But many Peruvian Indians wouldn't have their farming practice any other way, according to Rabinowitz.

"When you ask them why they let so many less-productive varieties grow, they say, first of all, 'We like them,'" the ecologist said. "They eat potatoes three meals a day, and the different types have quite different characteristics. Second, the Indian farmers understand they are preserving variety against crop failure. They have been planting potatoes in varietal mixtures for centuries."

The wild potatoes of the Andes also provide an ever-changing genetic reservoir for plant breeders who wish to confer resistance — to a particular disease, for example — on so-called improved crops.

Rabinowitz traveled to the remote mountain village to study one of the areas of the world where potatoes are believed to have evolved, at least 6,000 years ago. Other centers of potato evolution are believed to have been in Bolivia and Ecuador.

"By looking at the genetic interchange between cultivated varieties and their wild relatives, we may be able to explain the process of domestication," Rabinowitz said.

She worked with agronomists from the University of Cusco {Peru} and volunteers sent by Earthwatch, the private foundation that also provided financial suppo Additional research was conducted at the International Potato Center in Lima.

"We chased a lot of bees to look at pollen exchange and the formation of potato berries {the above-ground tomato-like structures containing true seeds of potatoes}, and to study the frequency of crossing between wild and domestic plants," the ecologist said.

Her findings may help substantiate an idea advanced by some evolutionists that plant systems are dynamic and that evolution is still occurring with the genetic interaction between cultivated plants and their wild relatives.

Rabinowitz hopes the lessons of the Andean potato patches will be heeded by government officials and agricultural policy makers who, she said, sometimes view peasant farmers as unsophisticated.

"Although they operate at the subsistence level, the peasants are very sophisticated farmers," she said. "There are benefits in the traditional way these people farm."

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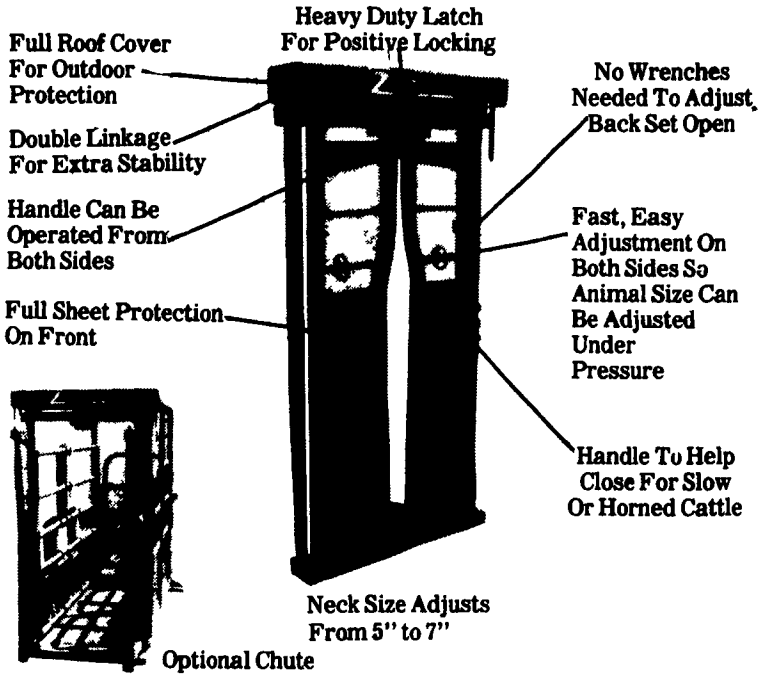
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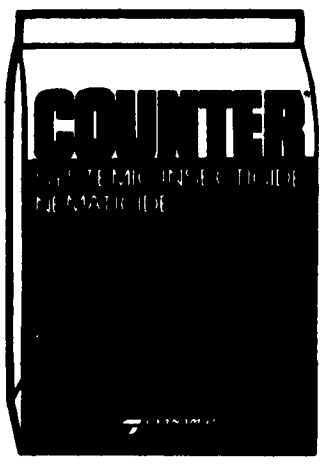

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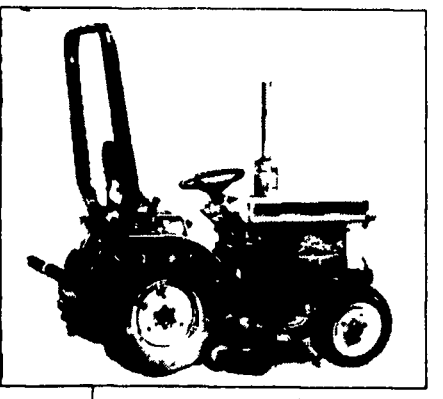

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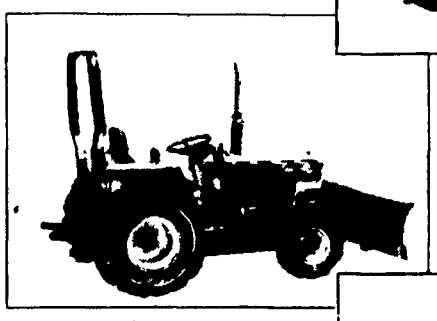

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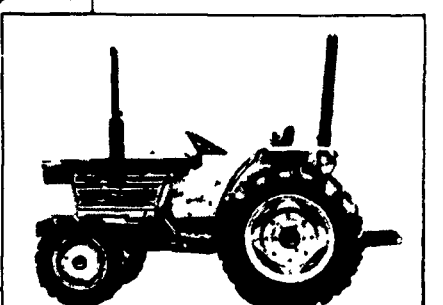

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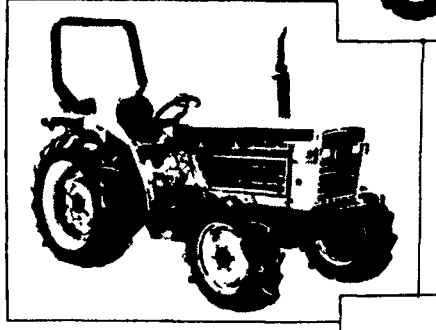

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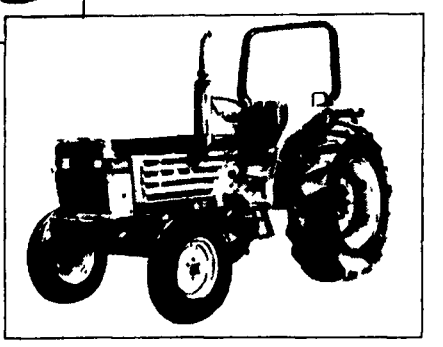

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NMPF Leader Blasts Decision

USDA Fails To Set Standards Of Real Cheese In Pizzas

WASHINGTON — The United States Department of Agriculture failed to set a minimum standard for the amount of real cheese used in frozen meat pizzas on April 13. The proposal would have required frozen pizza manufacturers to use a minimum of 12 percent real cheese in the topping. A consumer study determined that frozen pizzas using imitation products would drop 57 percent if a labeling indicating imitation cheese were required.

"Several consumer attitude studies were conducted on this issue, and there is a whole lot more than what USDA is citing," says Jim Barr, Chief Executive Officer of the association representing dairy farmer cooperatives. What is overlooked is that major opponents of the proposal commissioned a consumer study that states clearly in its overview that "...USDA labelling requirements, if adopted, would exert a negative impact on sales of frozen pizza made with mozzarella cheese substitute or imitation mozzarella cheese."

The study further states that "Pizza packages bearing this type of label (imitation/substitute) were rejected by more respondents than was a package bearing no prominent name-qualifier label. Packages bearing a '100 percent real' name qualifier label are favored by consumers."

Barr observes, "Clearly, what the pizza makers are afraid of is that if buyers find out the product contains a fake cheese, no one will buy it."

"USDA can say what it wants about persuasive argument against requiring clear labeling," says Barr. "USDA's announcement claims that consumers can find information about the use of imitations on the ingredient list." The opponents' own study points out that putting imitation cheese use on the front of the package will deter consumption even among those consumers who said they check the ingredient list specificially to ascertain the presence or absence of 'natural' or 'artificial' ingredients and the type of cheese topping used.

"This study totally blows away the reason USDA lists as persuasive for not telling consumers up front. USDA notes that opponents of the labeling requirement point out that consumers can find the information about imitations in the ingredient list. Apparently, telling them in the ingredient statement doesn't mean very much. I suspect that in the list of what is sometimes as many as 165 terms, the ingredient list isn't very informative."

Barr says that "No matter what USDA hangs its hat on, the main reason pizza manufacturers don't want to put imitation on the front of the package is that if you tell consumers what's in the product, most pizza lovers won't buy it. That tells me something. A product is being hidden because it is undesirable, and the government is encouraging this deception."

USDA controls the content and labelling of frozen pizza that has a meat topping. The agency permits the use of 90 percent fake cheese with the only hint to the buyer being buried in the ingredient statement. This statement does not give a clue as to how much imitation is used. "USDA established this rule by a memo," Barr points out. "It didn't go through the formal rulemaking process."

USDA received 5,155 consumer comments on the proposal. Yet one big manufacturer, cited in USDA's announcement, is allowed to control this issue.

"Consumers think they are getting real cheese," Barr states. "This was documented in another independent study. The study also asked consumers what pizza brands they buy. What do you know? They buy brands that use imitation. So, they are not getting what they expect. This is real deception. You may as well be buying blindfolded," Barr notes.

The opponents study was submitted to USDA by a law firm representing several major pizza manufacturers that use fake cheese on their products. The study is a part of the public record.

Barr heads the National Milk Producers Federation (NMPF). NMPF wants frozen pizza clearly labelled so that consumers know when a product contains imitation or substitute cheese.

Ag Software Guide Available

NEW LENOX, Ill. — The first comprehensive guide for choosing agricultural software is now available from Farm Management Systems of New Lenox, Illinois. "Choosing the Software That's Right for Your Farm" is a free publication that takes the reader step-by-step through all of the "how to's" involved in purchasing farm computer software as well as hardware.

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Spring Tillage Can Hide Potential Crop Problems

DEKALB, Ill. — Scouting for spring crop problems begins right now says an agronomist experienced in helping farmers. Larry Martin, regional agronomist for DeKalb-Pfizer Genetics, advises farmers to be observant, keep good records and even take frequent pictures of fields.

"Farmers want to know what caused a crop emergence problem, unevenness in crop growth, or even scattered crop death," he observes. "Farmers typically think that their whole field was treated the same. It rarely is."

The agronomist adds that anything applied to or occurring to a field rarely appears evenly across every foot of the field. Environmental, natural and man-made interactions often cause differences in plant population, growth and productivity.

Martin says spring tillage not only covers up previous crop debris, it also covers up many of the causes of erratic crop performance. "Be observant as you farm and use the family camera to help reconstruct what may have caused a crop problem which appears later in the year."

The seed company agronomist points out old vegetation can have a major impact on new growth. "Soybean debris is thrown into strips or rows during harvest. The areas covered are cooler and wetter than bare areas."

In a cool spring, plants in the bare areas may have an advantage over the plants that grow in the debris areas, Martin adds. Tillage may diffuse the debris just enough to cause an irregular pattern of growth that is hard to explain later.

Tilling can offer uniform subsoil drainage but "gully washer" rains present additional crop problems Martin explains. "If rain comes too fast it runs off the land, snaking through the field in tillage troughs, wheel tracks and planted rows. This surface water often carries fertilizer and chemicals with it, leaving high concentrations where the water ponds or finally soaks into the ground."

Resulting crop injury from this chemical concentration may be uniform, streaked or go unnoticed Martin observes. "And unless you remember the hard rain or see the ponding you overlook the real problem."

Tillage hides other causes of crop problems as well. Field traffic last fall, livestock pasturing or tillage operations themselves cause soil compaction which affect plant growth, the agronomist says.

Compaction will vary across the field because of varying subsoil structure and moisture. "Compaction may be severe insome areas of the field and may not be evident in other areas," Martin states. In addition, plant growth that is slowed by compaction may take up more herbicide and show herbicide injury.

Chester Co. Drinking Water Clinic Scheduled

WEST CHESTER — Concerned about the quality of drinking water in your home? Does the quality of the water your livestock drink effect their health and performance? If you are a homeowner or farmer and depend on your own well or spring, these are questions you should be asking yourself.

"The quality of water from a private supply is the responsibility of its owner," says Dr. William Sharpe, water resource specialist at Penn State University. "If you don't test your water, no one else will."

Drinking contaminated water can be a health risk, Sharpe points out. "The Safe Drinking Water Act established standards for water quality, if water doesn't meet those standards, it could cause problems for those drinking it."

To insure that your water is safe to drink, you should have it tested periodically at a certified water-testing laboratory. Sharpe recommends that water be tested for bacteria and nitrates at least once a year and for other chemicals at least every three years.

Farmers and homeowners of Chester County will have an opportunity to learn about managing their water supplies. Water quality experts Dr. Bill Sharp and Joe Makuch along with Mr. Tom McCaffrey of Cedar Grove Laboratories in Downingtown will speak and be available for consultation at the "Safe Drinking Water Clinic" to be held at the Dilworthtown Presbyterian Church on May 14, 1987.

The program will run from 1 to 4 pm and be repeated at 7 to 10 pm. These programs are free to the public and water tests at a reduced rate will be offered to all program participants, courtesy of Cedar Grove Laboratories. Bring in a sample of your water for testing.

To get to the church, take Rt. 202 to Dilworthtown Rd. Turn west toward Dilworthtown and then take the next right onto Birmingham Rd. For more information contact the Chester County Cooperative Extension Service at 215-696-3500.

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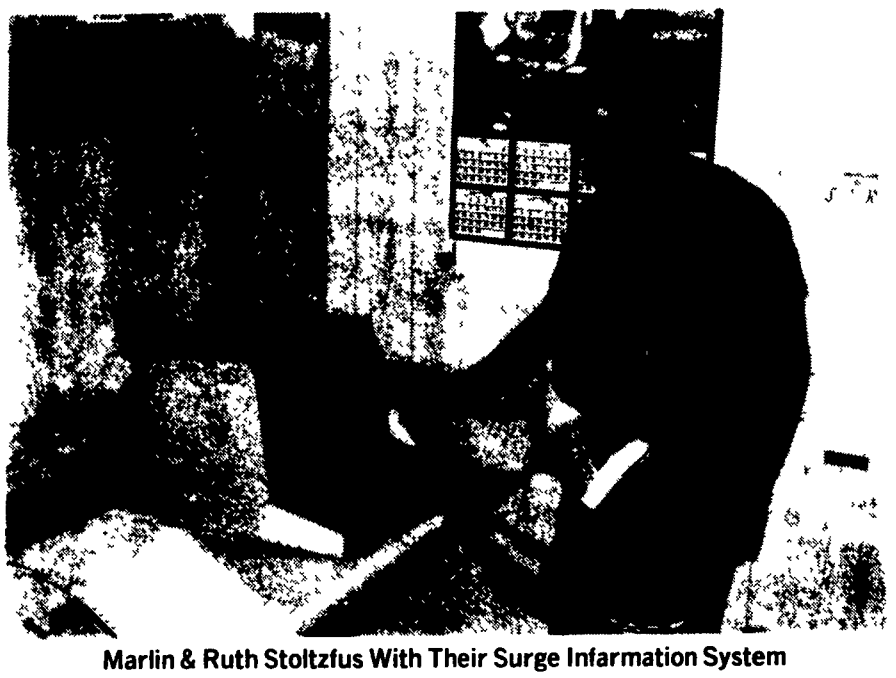

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Case Of The Killer Plants

BY HUBERT KELLEY
Ag Research USDA

Killer plants? Yes, in a way. But they don't resemble the ravenous maneater in "Little Shop of Horrors." Some of them, in fact, look positively cheerful.

The sunflower is one of them. It manufactures its own herbicides, exuding them in the soil to keep other plants — mostly weeds — from germinating or growing. Another murderous plant is grain sorghum. Both plants are currently under study at a laboratory of USDA's Agricultural Research Service, in Frederick, Maryland.

Gardeners and farmers have known for a long time that some plants don't get along well together. Sunflowers, for example, can't be used as poles for beans because beans won't climb them.

Strawberries do well in the residue left from a crop of oats, but carrots do pitifully under the same conditions.

And sorghum keeps a long list of weeds from growing too close to the plant, where they could compete for sunlight and water.

Some of the herbicides generated by plants are so potent that they even poison the plant that manufacturers them. Farmers in North Dakota have learned, for example, that they shouldn't plant sunflowers in the same field more than 2 years in a row. After the first year, the residue of the crop's own herbicide cuts back on their growth.

It takes very little of these chemicals to kill off the competition. Gerald Leather, a U.S. Department of Agriculture weed scientist, says that 20 pounds of sunflowers produced only 50 micrograms of natural herbicide. That's roughly the same as 100 salt crystals, or less than you could pick up on a damp fingertip.

With such small amounts, Leather can't afford to test his extract on very big plants, so he tries chemicals out on a tiny plant called duckweed, which succumbs easily to poisons. Each duckweed plant in its little dish is about the size of an aspirin tablet.

One important purpose for Leather's research is to find and develop new herbicides that will help control weeds, while keeping the environment safe and healthy for crops — and for animals, songbirds, and people, too. (Agricultural Research Service, U.S. Department of Agriculture)

NCGA Amendment Calls For Study Panel

ST. LOUIS, Mo. — A proposed legislative amendment, sponsored by the National Corn Growers Association, would require the Secretary of Agriculture to appoint a seven-member panel to conduct a study on the cost effectiveness of ethanol production in the U.S.

The amendment, proposed by Sen. Robert Dole (R-KS), stipulates that four panel members be representatives of feed grain producers, feed grain processors, members of associations involved in the production and marketing of ethanol and other related industries or institutions of higher education.

Additionally, the amendment states that no more than two of the three remaining members shall be employees of the federal government.

"NCGA's sponsorship of this amendment is based on our strong interest in compiling the most accurate, up-to-date information available on ethanol production," says NCGA President Harold Cutler of Greenville, NC. "Last August, USDA released a report that contained outdated information which proved damaging to the corn and ethanol industries, and we want to prevent that situation from ever happening again."

The ethanol industry has grown substantially since 1980 when 16 million bushels of corn was utilized to produce 40 million gallons of ethanol. In 1986, more than 300 million bushels of corn was converted to 750 million gallons of ethanol.

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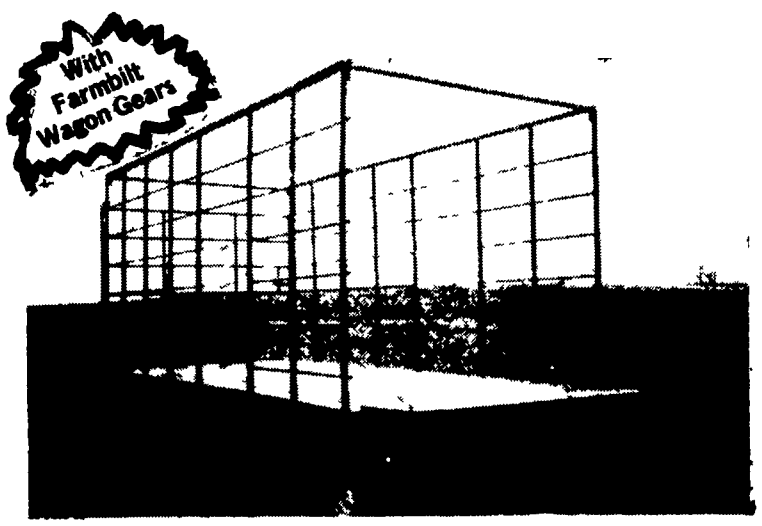

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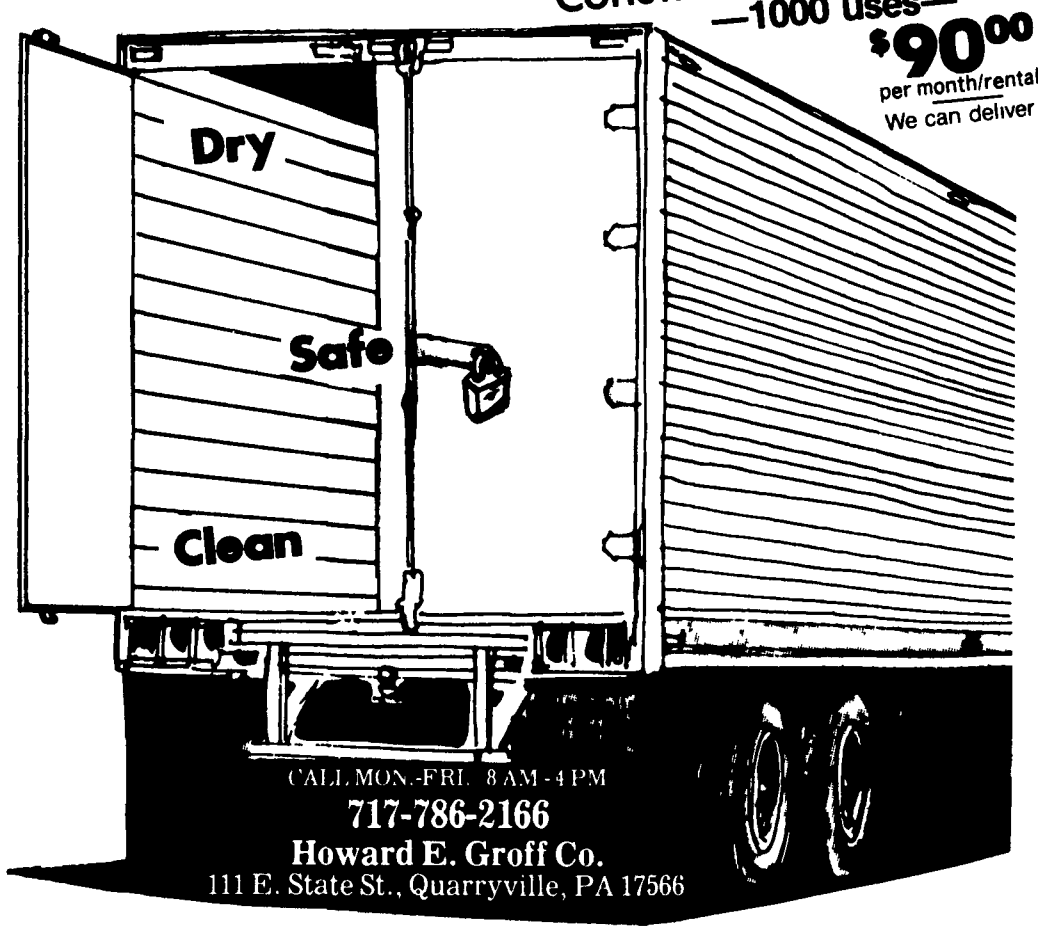

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RACINE, Wisc. — Like it or not, the world is forcing you to aim for a maximum economic yield.

While the term sounds intimidating, maximum economic yield (MEY, for short) is actually a simple concept: you grow the highest possible yield with the lowest possible expense.

Chances are, you already farm with some type of an MEY philosophy. You add extra inputs only if they promise to make a return on the investment.

But weaker commodity markets are prompting you to make even more precise calculations about how to grow a crop.

"If anything, the MEY concept is more critical today than it was when we had high prices," points out Marty Thornton, senior farm manager at People's Bank in Bloomington, Ill. "When prices are low, you have to maximize your profit on every acre."

Adds John Woodruff, Georgia Soybean Extension specialist, "In soybean production, we still must shoot for MEY, but the tactics change drastically between an $8-a-bushel market and one that only pays $5. Essentially, you walk a tighter rope."

How MEY Works

There's no magic prescription for achieving MEY, Woodruff continues. The maximum economic yield varies widely from one farm or field to the next. The most efficient yield depends on a variety of factors, including the farmer's resources, the weather, soil types — and, of course, the price of the commodity.

As prices drop, so does the amount you can afford to spend on the crop. Today, in fact, researchers are combining previous yield tests with new plot studies to find ways to keep production costs under the elevator's offer.

"We know how to grow beans in a $7 market, but we're still putting together the formula to produce the crop in a $5 environment," explains Woodruff.

In his work, Woodruff aims to pull costs below the $5 mark, creating a recipe that fits the average grower's timetable and resource base.

It's okay to reduce inputs and cut yields somewhat, Woodruff observes, provided the reduction in costs more than offsets the loss in gross sales. "In some cases, it might be possible to sacrifice five percent of yields while actually cutting costs by 40 percent. You give up a small amount of production, yet greatly increase profit potential because the remaining bushels cost so much less to grow."

Cutting Costs

As the price of a commodity goes down, it could be safer to cut costs than to try to boost yields with more input expense. For example, consider these two comparisons based on a field with a 40-bushel yield potential and $200 in costs:

- In a $10 market, you gain another $40 by increasing yields by 10 percent. If you keep yields the same and cut costs 10 percent, your economic gain is only $20.
- But in today's $5 market, either a 10 percent yield increase or a 10 percent cost reduction produce an identical gain of $20.

By Woodruff's estimation, it's often possible to reduce inputs, keep yields relatively stable and bring costs under $5 a bushel. A study by the American Soybean Association bolsters this belief. In reviewing the records of 31 efficient producers, ASA found that 70 percent hold costs at or below $5 a bushel. Out of that group — which included northern and southern growers — 22 percent actually grow beans for under $4.

These farmers keep costs low by closely watching inputs and maintaining good yields. Midwest producers reported an overall 45.4 bushels per acre, while southerners averaged 34 bushels. Production costs ran $4.63 a bushel in the Midwest while southern producers spent $4.74 per bushel.

To achieve this cost-yield efficiency, the farmers relied on firm production and financial planning. Their strategies, not surprisingly, closely parallel MEY advice given by Woodruff, Thornton and other ag specialists. As the study and these experts point out, a farmer stands a good chance of hitting his MEY when he brings into balance a host of factors.

Key Decisions

One key decision to make is how to match the land to the right crop and fertility program. Each field's potential is dictated by pH, tilth, fertility, soil types, drainage and subsoil conditions. In the South in particular, thousands of acres of pastures and forests went into row crops in the 1970s. At $8 a bushel, it sometimes was questionable whether the soil could generate profitable yields. Now, with lower prices, much of the land is heading for the Conservation Reserve Program or other uses.

Aside from this marginal land, the South and Midwest both contain a wide range of soils which provide less than ideal growing environments for specific crops. Each field has an MEY, but it may be too low to justify putting it into production.

And while a field may have a low MEY for one crop, it might rate a higher priority for another one.

In an MEY plan, a field is put to its best use, and it receives an adequate supply of nutrients to match its normal yield potential.

"If land has only a 30-bushel potential due to some uncontrollable factor, don't fertilize for 50 bushels," says Dr. Allan Bandel, a University of Maryland agronomist. "And don't overlook existing nutrients. We're seeing more soil analysis reports in the high to very high range, which indicates that farmers have built up a fertility reserve. To reduce costs without hurting yields, they should first test soils from these fields, then determine whether they can get by this year without extra fertilizer.

"But, at best, this is only a short-term solution available to farmers with good soil fertility and temporarily short on cash flow," cautions Bandel. "It requires farmers to 'mine' residual fertility, which should never be attempted without a good soil test."

Moisture also is a limiting factor. Fields with shallow topsoil layers store less water to carry crops through dry spells. Without irrigation, some crops perform poorly in these and other soil types. For example, in the Mississippi Delta soybeans often fail to produce break-even yields in gumbo clay soils which are well suited to rice production.

"If a farmer can't irrigate beans in these heavy soils, his maximum economic yield is extremely low," finds Dr. Larry Heatherly, USDA agronomist based in Stoneville, Miss. "Our advice to farmers with these soils is: Avoid beans, if you can. If you must plant beans, grow the crop as cheaply as possible."

Planting Details

When a crop gets off to a vigorous start, it stands a better chance of absorbing fertility and standing up to pests, drought and other limiting factors.

As the ASA found, the most successful farmers stick close to recommended planting dates. To ensure they start with good stock, these producers buy seed or grow their own in clean fields. None plant "bin-run" seed. When they raise their own seed, they test for germination.

(Turn to Page D10)

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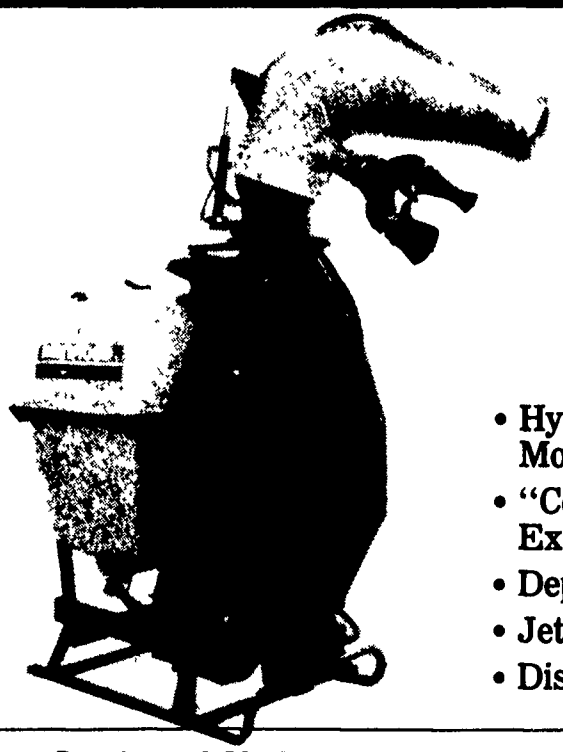

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Alfred State Horticulture Team Wins National Award

ALFRED, N.Y. — National acclaim has been accorded Alfred State College's ornamental horticulture team for its performance in competition sponsored by the National Association of Colleges and Teachers in Agriculture in El Reno, Ok.

Alfred State placed second overall in ornamental horticulture contests at the National Judging Conference which drew entries from four two-year colleges and three four-year colleges.

The Alfred team, coached by Assistant Professor Shannen Ferry, placed first in plant identification, second in written tests, and third in plant judging.

Also, team members, all seniors, each placed among the top ten individuals. They are:

Donald B. Griffing of Wayland, second; Marjorie A. Lineweber of Ledyard, Vt., fourth; Janet T. Bouffard of Winooski, Vt., eighth; and Susan M. Dutton of Hinsdale, ninth.

Alfred State College's ornamental horticulture team coached by Professor Shannen Ferry placed second overall and also earned individual awards at competition sponsored by the National Association of Colleges and Teachers in Agriculture in Oklahoma. Displaying their awards are (kneeling, left) Marjorie Lineweber of Ledyard and Janet Bouffard; and (standing, left) Susan Dutton, Donald Griffing, and Professor Ferry.

Cottage Cheese Tips

Store cottage cheese as you would fresh milk. Keep refrigerated and covered. It should be used within a few days after purchasing. Creamed style cottage cheese does not freeze well and tends to separate upon defrosting. Uncreamed cottage cheese can be frozen successfully in waxed cartons or freezer containers. It should not be kept longer than a month.

Test Garden Soil

YORK — A fertilizer for your vegetable garden may be on your shopping list this spring. For most, inorganic fertilizers are readily available and easy to use. A good example might be a 10-10-10 fertilizer.

Inorganic fertilizers contain ingredients that occur widely throughout our environment. Fertilizer manufacturers process and concentrate these ingredients into convenient, safe and economical forms, reports the Fertilizer Institute.

Knowing the amount of fertilizer to use in the garden begins with a soil test. Keep in mind though, that the soil test is only as good as the care you take in sampling.

These 10 steps will guarantee accurate soil sampling and testing results.

(1) First, don't wait until the day before planting your garden. Take the sample before the major portion of your garden gets planted to vegetables.

(2) Take soil cores from at least 15 spots randomly selected over the garden. This insures a representative sample from all areas of the garden.

(3) Sample between last year's rows. Avoid spots that are not representative of the rest of the garden.

(4) If you have a problem area, take separate samples from it.

(5) Scrape away and discard surface debris before you take the sample.

(6) In rototilled ground, sample to the depth of tilled ground (6-8 inches).

(7) Collect your sample in a clean plastic container.

(8) Mix the core samples, air dry, and remove roots and stones.

(9) Fill the soil test mailing container and identify the sample.

(10) Complete the Information Sheet, and give all of the information requested.

Soil test kits are actually mailing packages. They are available at county extension service offices. Some garden centers and nursery supply dealers also supply Penn State soil test kits.

Your soil test results will tell you the soil pH level, as well as the amount of phosphorus, potassium, calcium and magnesium in the sample. The report then specifies how much lime and fertilizer you'll need to match the needs of the types of plants you plan to grow. Test every few years until a clear picture of nutrient use and balance has been developed.

Once your garden crops are growing, no sampling is needed. If plant quality appears to be less than optimum this year, a soil test may supply needed information about the cause of the problem. Do not repeat lime and fertilizer applications without soil test information. Toxic levels of nutrients in the soil, could take many years to correct.

Avoid Foundation Cracks

Cracks in building or foundation walls could be related to the kind of soil present on your property. The following precautions may help avoid costly repairs.

1. Know the kind of soil present on your property. High clay soils expand upon wetting which may cause pressure cracks in the foundation.
2. Avoid building sites located on steeply sloping land.
3. Make sure all surface water drains away from the foundation of your home.
4. Build drain pipe outlets that take water away from the foundation.
5. Use a foundation drainage system to prevent shrinking and swelling of soil.

Expert Claims Milking Machines Overestimated As Mastitis Cause

UNIVERSITY PARK — Although the milking machine has long been suspect in influencing mastitis in dairy cows, research fails to provide conclusive evidence, according to a professor of dairy science at Penn State.

Steve Spencer says many types of microorganisms cause mastitis; the one that causes the infection in a particular cow depends on the number of microorganisms present, their virulence (ability to overcome body defenses), their growth phase and the resistance of the cow.

Spencer says research on the vacuum level and on the pulsation phase, rate and ratio of the milking machine has shown conflicting or nonconclusive relationships. "It is difficult to produce mastitis infections experimentally by altering these milking machine parameters," he says.

However, two areas of research — pulsation failure and vacuum fluctuations — do show a relationship between the milking machine and mastitis.

Pulsationless milking, short teat-cup barrels and failure of the liner to close show an increase in the new infection rate when teats are not dipped. The infection pathway is unknown.

Vacuum fluctuations in the milking machine have also been associated with increased infection rates, Spencer says. English workers classified fluctuation as irregular, cyclic or fluid flow. Infection rates increased with combined irregular and cyclic variation.

Variations must be great to produce new infections: cyclic variations of 12 inches of mercury and a 40 percent fall in vacuum and recovery seven times per minute. Seldom, if ever, do these severe vacuum conditions occur in normal milking.

"Subsequent experiments in Ireland," Spencer says, however, "suggest that these fluctuations were conducive to liner slip." The fluctuations result in "teat-end impacts," which may carry pathogens past the defenses of the milk canal. "The evidence is increasing substantially which indicates that efforts to reduce the number and intensity of teat-end impacts is justified," Spencer says.

Because these random teat-end impacts are caused by massive changes in vacuum, Spencer calls them "acute" variations.

He suggests several ways that dairy farmers can minimize such impacts:

- Carefully apply and remove the machine to minimize sudden losses of vacuum.
- Dry cows' teats before machine application. Wet teats are likely to reduce friction between the liner and teat, causing the liner to slip. Drying the teats also reduces the number of pathogens on the teat surface and teat end.
- Adjust the machine to the individual cow. The use of radial control arms (hose holders) and unit adjusters is recommended.
- Keep vacuum levels within acceptable ranges as suggested by the manufacturer and avoid excessive machine stripping.
- Select milking machine liners with low-slip characteristics.

"The influence of the milking machine on the new infection rate is very low," Spencer notes. "However, it is still important to keep the machine in good working order and use it judiciously."

Extension Defines Goals For Coming Decade

NEWARK, Del. — Delaware extension programs are becoming more issue-oriented as the self-help educational system seeks ways to maximize its impact in an era of fiscal belt-tightening and technological innovation. According to Delaware Cooperative Extension director Dr. Richard E. Fowler, both traditional and non-traditional clients should benefit from the sharpened focus.

A revolution is occurring in cooperative extension nationwide, Fowler says, as extension educators pool knowledge and focus their skills on some of the toughest problems facing America today.

"We are part of a changing technological society that challenges all of our imaginations when it comes to sorting through information and delivering what is relevant," Fowler says. "At the same time, we in extension must be sensitive to the needs of those who don't know what the word technology means."

A major thrust of the nation's Cooperative Extension System this past year, the director says, has been to restructure and target programs to address critical national issues. In 1986 a national extension task force, of which Fowler is a member, identified eight "initiatives" that they proposed state extension educators adopt. Delaware extension has decided to build its programs for the next decade around six of these:

- Agricultural Competitiveness and Profitability;
- Water Quality;
- Improving Human Nutrition, Diet and Health;
- Family and Economic Well Being;

Dr. Richard Fowler

- Building Human Capital; and
- Rural Revitalization.

Adopting these initiatives will make it possible for Delaware extension to marshal its existing resources more effectively against the problems its professional staff is best qualified to tackle, Fowler says.

"These six issues are emerging as the front end of a plan that we're going to focus on in Delaware," he says. "They emphasize what extension does best. It also lets us sharpen our focus on our research base." (As an educational arm of the federal land-grant college system, cooperative extension is responsible for extending information on research results and technological advances to the public.)

"We're now at the stage of examining the initiatives more sharply and have presented them to our county extension advisory councils for their input in developing a four-year plan of work," the director says.

The interrelated nature of the initiatives calls for a "holistic approach to programming," he says. "No single discipline can cover the needs of our clients under present economic conditions. Teams and teamwork are required. I see our traditional subject area programs dissolving into an issues-oriented team approach."

For example, the first initiative — increasing competitiveness and profitability in Delaware agriculture—calls for helping farmers find ways to increase their profit margin, through the use of economical and effective production practices which also protect water quality and the environment in general. This initiative also involves teaching farm families how to manage their farm business and family finances more effectively through better record-keeping and marketing practices, risk management and, in some cases, the adoption of alternative enterprises.

Helping Delaware residents achieve this and the other initiatives, Fowler says, will require the combined skills of state extension specialists and county agents with expertise in production agriculture, marketing and financial management, family and child development, environmental quality, food and nutrition, community resource development and 4-H/youth leadership. He says members of the Delaware extension staff have already begun pooling their talents to meet the new program challenges.

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DUPONT

MEY

(Continued from Page D7)

Instead of planting by the pound, these producers try to put a specific number of seeds per foot in each row. Since the size of seed makes as much as 100 percent difference in the number a bag holds, these farmers ensure that they plant just enough for optimum yields.

Pest Management

Most growers manage pests with pragmatic strategies because they've found that scouting pays dividends in an MEY plan. By identifying insects, weeds and other pests, it's possible to reduce both yield loss and costs. By hitting weeds early, you obtain better control and sometimes are able to use lower labeled rates.

A thorough scouting report also compares pest levels to economic thresholds so you can decide if the population is large enough to justify treatments. The economic threshold already is an accepted tool in insect control. Now, producers rely on similar surveys to judge the economic effect of weed populations. In a strong commodities market, you can afford to kill every weed in a field. But with soft prices, a little competition may not hurt yields enough to justify spraying. In Arkansas, a new computer program lets bean producers compare the cost of weed control to the economic loss the pests will cause if they go unchecked.

Financial Control

In any operation, there probably are additional ways to cut costs by maintaining firm financial control. Buying early or in bulk can trim seed and chemical expenses. When possible, swapping labor and machinery time allows producers to do more work with lower overhead. Seeking competitive bids, even on small items, adds to the bottom line.

"With good records, you can even make a case to your landlord for lowering rents," suggests Marty Thornton. "You also gain a firmer hand on how and when you spend cash. That, in turn, could indicate ways to reduce borrowing and interest expense."

Financial management doesn't directly affect yields, and it's often an overlooked factor in an MEY strategy.

"It's easy to get caught up in production and forget the finer points of management," Thornton suspects. "But as the gap narrows between cost and price, it's critical that you examine how you use your money. By saving a dollar here or there, you spend a little less on the crop. That in turn makes a strong contribution to your viability in farming."

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First National Mushroom Queen To Be Crowned

Kennett Square — The Second Annual Chester County Mushroom Festival, scheduled between Thursday, Sept. 24 and Sunday, Sept. 27, 1987 in southern Chester County, will feature the crowning of the first National Miss Mushroom Queen.

Contestants must be between the ages of 18 and 24 on the night of the crowning, must be sponsored, single, a high school graduate, and available for mushroom promotions and Mushroom Festival promotional activities year—round.

Contestants must also file an application to compete in the "Miss Mushroom" contest. Applications are available at local schools, or by writing the Chester County Mushroom Festival, Inc., P.O. Box 1000, Kennett Square, PA 19348.

Five finalists will be selected, and they will be judged by a panel of former beauty pageant contestants on poise, appearance and talent.

Co-sponsored by the Southeastern Chester County Chamber of Commerce and the American Mushroom Institute, the crowning ceremonies will be held during a pageant at the Fresh Mushroom Awareness Association's and the AMI's Mushroom Festival kick-off dinner-dance at the Brandywine Sheraton Inn, Rt. 202, Wilmington, DE on Friday, September 18.

Cash prizes and gifts will be awarded to the contest winner.

A completed application, with a recent photograph, must be submitted to the Chester County Mushroom Festival, Inc., to the attention of the Mushroom Pageant Committee, address above, no later than August 1, 1987.

For additional information on the First National Miss Mushroom Queen contest contact Ralph LaFrance at Springs Valley Inn, in Avondale, PA at (215) 268-2597.

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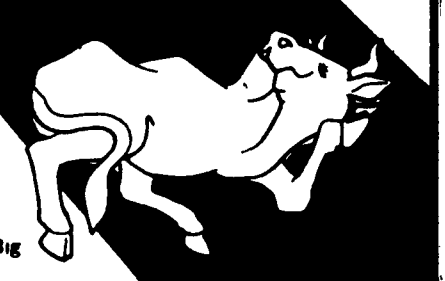

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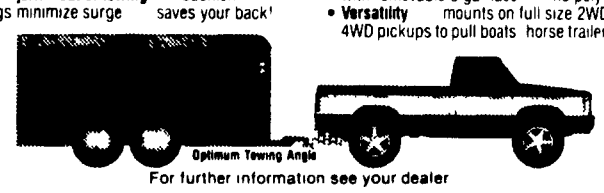

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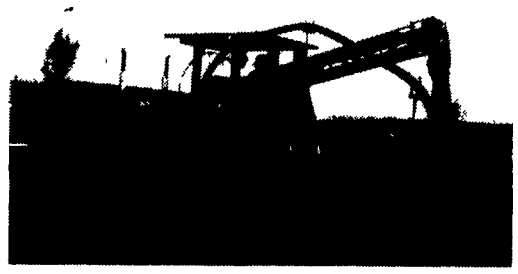

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PENNSYLVANIA LICA

Last Year's Seed Can Bring Bounty This Season

MEDIA — Wait! Before you rush out to buy this year's supply of flower and vegetable seeds, go find last year's leftovers. Many gardeners question whether last year's seeds are worth planting. Some are, and some aren't.

Because the cost of seed is usually small when compared to the loss or delay in starting if the seed does not germinate well, most of us are inclined to discard and replace. Yet if the seed is still viable, throwing away good seed is wasteful and even expensive.

Susan Goldsworthy, Delaware County Cooperative extension horticulturist, says two things influence the ability of old seeds to germinate: the variety, or the kind of plant they come from, and the way in which the seed has been stored.

The life of most common flower and vegetable seeds can be greatly prolonged by storage in a dry, cold atmosphere, in a closed container, But most of us forget. We leave seed as we last used it — still sitting in its box or packet, open, and exposed to fluctuating temperatures. We find them the next spring still on the shelf in the basement, garage or even in the kitchen — storage conditions not ideal.

Some varieties of seeds will tolerate this haphazard storage much better than others. Among vegetable seeds, cucumber, endive, melons (both cantaloupe and watermelons), squash, pumpkin, cabbage, cauliflower, eggplant, and radish are usually perfectly good the next year. If you plant last year's beet, tomato, pepper, celery, carrot, lettuce, and pea seeds a little thicker than normal, they will usually produce well. However, corn, onion, parsley and parsnip seeds should not be used the second year.

Most common flower seeds will germinate well in the second year. Alyssum, calendula, cosmos, petunia, marigolds, zinnia, pansy, and nasturtium seeds will be fine. China aster, strawblower, and dusty miller seeds will probably be all right if sown heavier than normal. Throw away last year's delphinium, candytuft, and burning bush (kochia) seed: they won't do well.

If you are unsure about the viability of you seed, run a germination test. Here's how to do it:

• Moisten a large paper towel and space the seeds along one side so they will be covered as the towel is rolled up. Space more rows of seeds along the towel as it is rolled. Note how many seeds planted.

• Roll the towel loosely to make about five layers. Fold it in half and place it in a quart jar. Add about one-eighth inch of water to the bottom of the jar to keep the towel moist.

• Cover the jar and place it in a warm location — 70 to 80 degrees. Be sure to check it every few days and keep the paper moist, but not wet.

When the germination period is over, count the number of seeds that sprouted. You can then figure the percentage of germinating seeds and assume that the rest of the seeds in the packet will germinate in about the same percentage. If the results of your test go well, you can save youself the time and expense of buying replacements. Just plant, tend, and harvest — they'll be almost free!

Safety Specialist Promotes Program

NEWARK, Del. — The "rubber glove zone" is a new safety program of the Delaware Cooperative Extension System aimed at promoting proper protection from pesticides and other agrichemicals.

"If we can't get applicators to wear gloves, there's not much point in talking about other protective clothing and respirators," explains Ron Jester, extension safety specialist, who has created an exhibit and slide show on hand protection for farmers and agribusiness employees.

He also hands out "rubber glove zone" decals, provided by the National Agricultural Chemical Association, that can be used to designate chemical mixing areas and pesticide sprayers.

Although many people believe wearing any glove will provide protection against pesticides, Jester warns that cotton and leather gloves are absorbent and will hold chemicals against the skin. Sanitation gloves, the thin disposable gloves used in many hospitals, are not suitable for pesticides either, he says. The specialist also cautions against using a lined rubber glove for handling pesticides because the liner may absorb the chemicals.

For the best hand protection, Jester recommends buying gloves manufactured to resist specific chemicals. "For example, gloves of natural rubber are best when using organo-phosphates," he says. Some gloves are better for water-based chemicals.

Other safety aspects such as the design and fit of the glove should be considered, as well as the method of manufacturing, which can determine its penetration by chemicals.

Farmers and applications may also want to consider such desirable physical characteristics as abrasion resistance, cut resistance and gas permeability.

For safety, gloves should be maintained properly and inspected before each use. "Wash gloves before taking them off," Jester urges. "And always check them for cracks and holes because defective gloves are no protection at all."

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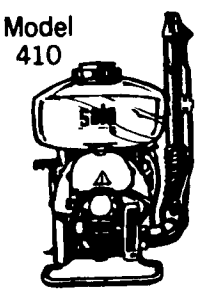
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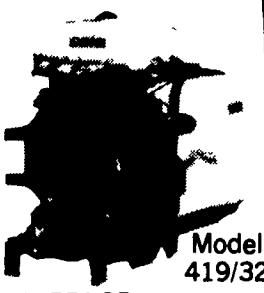
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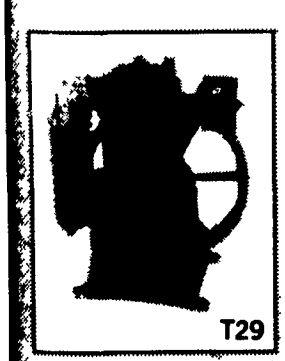
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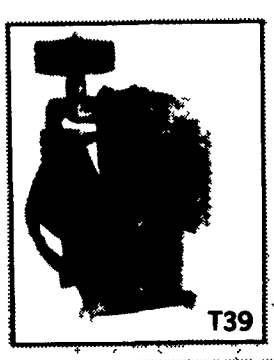
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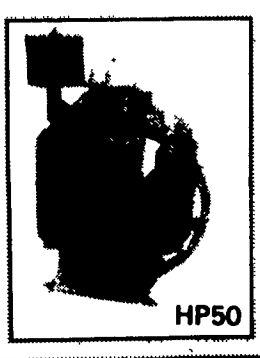
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Over-Order Prices: What Are They All About?

BY DR. JACK KIRKLAND
and BLAIR SMITH
Professors of Agriculture Economics

UNIVERSITY PARK – Prices that are achieved through negotiations that are above the minimum Class I prices established in State or Federal Milk Marketing Orders are commonly called over-order prices. They usually apply only to milk used for Class I purposes.

The Regional Cooperative Marketing Agency has been formed to negotiate for over-order prices in the Northeastern United States. Recruitment of dairy farmers has been underway for some time. The sign-up is reported to be close to the target of 95 percent of all dairy farmers in the Northeast. A 95 percent dairy farmer membership in RCMA is thought to be necessary for effective bargaining for over-order prices.

Over-order prices are not new. In fact, they have been around for about 30 years. Many dairy farmers already receive over-order prices in many Federal milk marketing orders. Usually, the prices are negotiated through a dairy farmer's milk cooperative.

How Over-Order Prices Are Achieved

For over-order pricing to work, a bargaining agency must achieve two criteria: it must achieve effective control of the milk in the region to be covered, and it must be assured that milk from outside the region is not available at a price that is very much less than the over-order price plus the over-order premium.

Without effective control of the supply in an area, milk plants can obtain their milk from producers who are not represented by the bargaining agency and the over-order pricing mechanism breaks down.

If supplies are available from outside the over-order pricing region, a milk plant must pay the cost of transporting the milk into the region. The over-order price, in the event of readily available supplies from outside the region, could not be greater than the cost of the alternative supply of milk plus the transportation cost to get it into the region.

The willingness of milk plants to pay an over-order price is also an important factor in the ability of a bargaining group to achieve over-order prices.

Milk plants would probably prefer a stable local supply of milk rather than having to procure supplies from greater distances, but they are also strongly influenced by the cost of procuring raw milk supplies. Milk plants recognize that, to maintain a local supply of milk, farm prices must be at a level that assures the needed level of production.

Milk plants are sometimes willing to pay a premium to achieve a stable supply of a large volume of milk from one source. This is at least one of the reasons milk cooperatives have been able to gain over-order prices.

Effects Of Over-Order Pricing

Over-order prices would be expected to increase the revenues of dairy farmers. In regions where supply and demand are in fairly close alignment, over-order prices may offset reductions designed to get the national surplus under control. In such cases, over-order pricing could be viewed as a way maintaining prices of local supplies of milk.

However, over-order pricing will not assure that all dairy farmers will be able to remain in business. Those farmers who have high costs of production due to lack of efficiency, or other reasons, will probably still struggle to remain in business.

Milk dealers should be only minimally affected if all dealers in a region pay the same over-order price for their Class I milk, and they are able to pass the extra cost of the Class I milk to the consumer.

When looking at the dairy industry as a whole, other important issues come into consideration. Milk production has, over time, shifted among regions. Population and consumption have changed on a regional basis as well. The basic issue here is whether each region should produce only enough milk for its own needs, or whether the most efficient regions should be allowed to produce milk and ship milk or milk products or other higher cost regions.

Certainly, milk movements today have little respect for political boundaries, and economics plays a much greater role than in the past. Moving milk and milk products is much easier than it has been in the past. If lower prices force farmers out of business in one region, milk or milk products can readily be brought in from other regions. The economics associated with paying over-order prices versus the cost of alternative supplies will play a major role in whether or not a region will meet its milk demand with its own milk supply.

The consumer will probably ultimately pay for the over-order premium in the form of higher prices for fluid products. A $1 per hundredwight increase in price for the farmer translates into about a 9-cent per gallon increase for the consumer.

The demand for fluid milk is thought to be highly inelastic. That is, prices changes result in very small changes in milk consumption. Thus, it may be possible to pass this price increase on to the consumer with only a slight decrease in consumption. In this case, the dairy farmer's revenue would increase. The primary loser would be the consumer who is paying the higher prices, although because of the reduced volumes, plants may also suffer some reduction in revenues.

Summary

Over-order pricing is not new, it is now being used in many milk markets across the country. The key to establishing and maintaining over-order prices is the effective producer control of the supply milk within a region. This depends upon the degree of market power of the producers. Over-order pricing will work if a bargaining agency has sufficient control of the local milk supply and if milk plants are unable to effectively procure less costly alternative supplies.

However, meeting these criteria is a tough job. The inability of producers to accomplish them is probably the reason why higher over-order prices are not in effect in more markets throughout the U.S.

Dairy farmers who receive over-order prices will benefit from the added revenue. However, even high over-order prices will not assure all dairy farmers can survive. The struggle to reduce costs will continue for the dairy farmer.

The consumer will probably pay higher prices for fluid milk where over-order prices are in effect. However, there should be little reduction in consumption due to over-order prices since demand for fluid milk products is thought to be

(Turn to Page D13)

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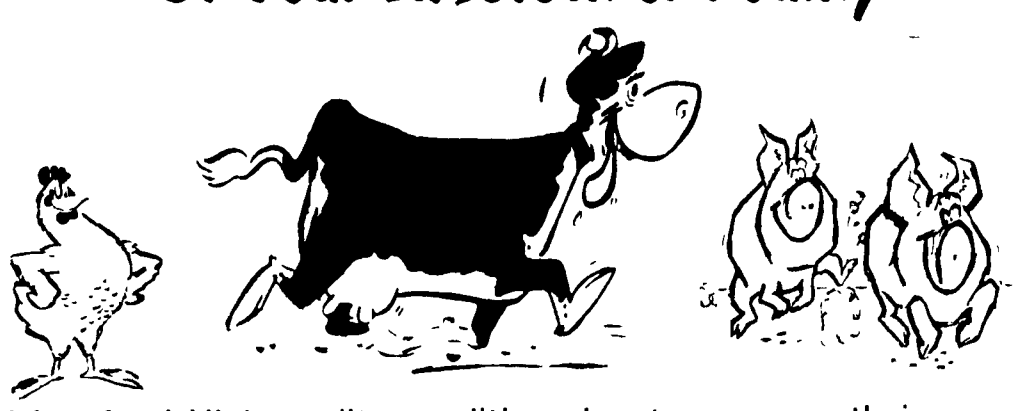

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Cornell, Vermont To Establish Northeast Dairy Research Center

ITHACA, N.Y. – Cornell University and the University of Vermont will jointly establish a Northeast Dairy Foods Research Center to step up research on dairy products to meet consumers' changing needs.

Another major goal of the center is to increase the number of food scientists needed for the nation's food manufacturing industry, according to the National Dairy Promotion and Research Board, the sponsor of the center.

The board, the dairy industry and the two universities will finance the center's research projects and other activities with approximately $1.8 million a year for five years, according to Richard A. Ledford, professor and chairman of the Department of Food Science in the New York State College of Agriculture and Life Sciences at Cornell.

The national dairy board's share is $600,000 per year. The New York dairy industry has pledged to kick in more than $600,000 per year, Ledford said.

The Northeast Dairy Foods Research Center is one of six such centers to be established in various parts of the country. Cornell and the University of Vermont, along with nine other universities, were designated by the National Dairy Board to form these research centers.

"We are now working out with representatives of the University of Vermont those details necessary for the establishment of the proposed research center," Ledford said.

Established in 1983 by Congress to promote the nation's dairy industry, the National Dairy Promotion and Research Board hailed its move to establish six regional dairy research centers as "a boon to the entire dairy industry."

The board pointed out that the proposed research centers will "catalyze further advances in dairy product research and processing technology and will strengthen the dairy industry's position as the food industry's leader in biotechnology."

Cornell food scientist David Barbano, who has worked on the proposal submitted to the dairy board, said that changes in consumers' attitudes toward foods and nutrition, changes in the types and number of meals eaten away from home and shifts in demographic trends, among other factors, are expected to provide new marketing and growth opportunities for the dairy industry.

"To capitalize on these opportunities, the dairy industry will need to have the basic scientific and technical information to tailor dairy products to meet changing consumer needs," he said. "The establishment of a joint dairy research center at Cornell and the University of Vermont will provide scientific, technical and marketing support to help meet the changing needs of the Northeast dairy product manufacturing industry."

According to Barbano, work at the center will focus on dairy product development; improvement of the quality and safety of milk and dairy products; dairy product processing and engineering; chemistry and microbiology of dairy products; nutritional attributes; development of standardized methods for analysis and testing of dairy foods and ingredients; and product packaging technology, among other areas of research.

A significant portion of the research work is expected to be carried out in a new food processing and development laboratory now under construction at Cornell; it's scheduled for completion this fall. The laboratory is a major addition to research facilities of the Department of Food Science.

The universities designated by the National Dairy Board to establish five other dairy research centers in other parts of the country are the University of Wisconsin in Madison, the University of Minnesota, South Dakota State, Utah State, Oregon State, the University of California at Davis, California Polytechnic and State University, North Carolina State and Mississippi State.

Over-Order Prices

(Continued from Page D12)

very inelastic. The consumer will ultimately pay for over-order pricing since, as in most consumer products whether food or nonfood, increased costs are almost always passed on.

Retail dairy product prices have risen less rapidly than most retail prices and dairy products remain a good buy. Also, since dairy products make up such a small portion of the consumer's budget, a small increase in fluid milk prices will not have that great a negative impact on the welfare of the consumer.

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Ag Trade Important Issue When U.S. Constitution Signed

Agricultural trade was almost as important to the United States the day the U.S. Constitution was signed – Sept. 17, 1787 – as it is now, according to USDA historian Douglas E. Bowers.

The United States in 1787 was already a major exporter of agricultural commodities, as it is today, and it depended heavily on that trade to pay for the goods it had to import.

Like most nations emerging from colonial status, the United States produced primarily raw materials and imported most of its manufactured goods. Even with agricultural exports, the balance of payments was usually negative in this period – a problem we are facing again now.

Americans had a critical interest in exports from the beginning. With some 90 percent of the people living on farms, there was little internal market for agricultural goods. Even if there had been large cities, transportation within and between the states was so poor that it was often easier to ship overseas than to send goods a short distance overland.

After the Revolution, America's trade was in jeopardy. Most of the country's trading partners in Europe and the Caribbean were part of colonial systems. Great Britain, France, Spain, the Netherlands and Portugal each wanted to use raw materials from its own colonies in the West Indies (Caribbean) or South America, and to restrict business from competitors. So when the United States left the British Empire, it lost much of its market for exports, and former allies like France were not eager to open their ports to a new competitor.

We now take it for granted that the national government (and not the states) has the necessary power to regulate international trade as well as interstate commerce. But 200 years ago – before the U.S. Constitution was drafted, signed and ratified – it did not, and the question of giving the national government broad powers to regulate trade was a very debatable issue.

Under the Articles of Confederation (in effect from 1781 to 1789) the national government was too weak to negotiate real trade concessions from other countries. It could not even control America's own internal trade.

States levied individual tariffs on imported goods. And some states, including New York, erected trade barriers between themselves and neighboring states.

Western farmers had trouble shipping their produce down the Mississippi River because the Spanish did not want them to use New Orleans as a loading point for export.

In fact, trade issues caused several states to send delegates to Annapolis in September 1786 to discuss revision of the confederation Constitution. These same trade issues were a factor leading to the Constitutional Convention in Philadelphia the following year.

Americans had tried growing various crops for export. Some didn't work, some did. Thomas Jefferson and others had attempted to grow European-style wine grapes – without success. Silk growing had been tried in several states. There was also an effort to compete with Russia and the Baltic countries in growing flax and hemp, but these needed cheaper labor than we had in this country.

By the time of the Constitution a number of successful export crops had been introduced, each with its own market. The three primary exports were grain and grain products: wheat flour, wheat and corn, in that order. Today, our three primary agricultural exports are similar: soybeans, corn and wheat.

Grain was not used as livestock feed then nearly as much now, so corn made up only a small part of grain exports. Wheat was grown mainly in the Mid-Atlantic states, but was also important in Virginia. Despite high tariffs in Britain and some other countries, Americans found a market for grain in Europe during the 1780's and 1790's due to crop failures and the wars on the European continent that followed the French Revolution.

There were also markets in the West Indies. Livestock was occasionally exported, as were salted meat provisions for ships and for West Indian plantations. These came mostly from Northern states.

Southern crops benefited from more reliable markets because they competed less with European crops. Then, as now, tobacco found ready sales in most of europe. It was produced in such quantities that by the 1780's some progressive Southern farmers were turning away from it because of soil exhaustion and a desire to be less dependent on world prices.

Rice was grown mainly in South Carolina and was shipped to the Caribbean and Southern Europe. Exports of indigo, which made a widely used blue dye, declined after the British bonus payment to indigo growers ended. In addition, farmers clearing land throughout the new states were able to

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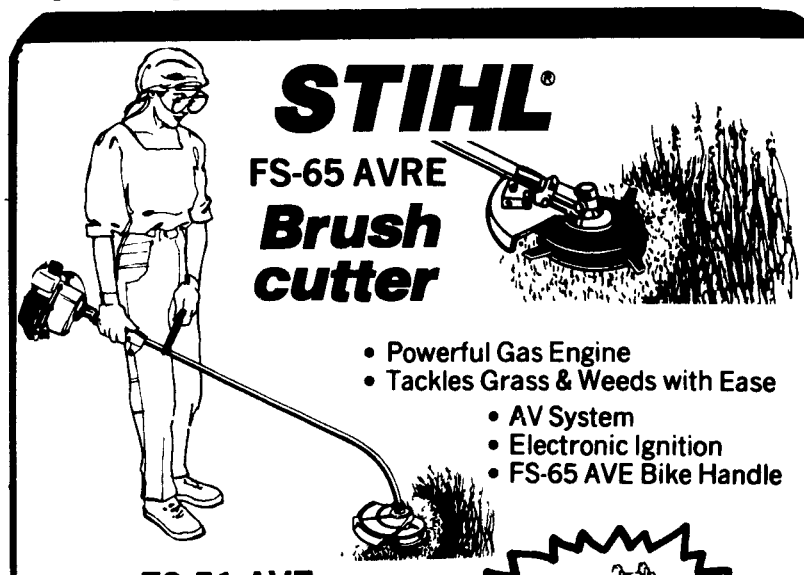

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Ag Trade Important Issue

(Continued from Page D14)

profitably turn surplus logs into exportable potash used for making soap. Some southern farmers produced naval stores such as turpentine or pitch.

The Constitutional Convention debate on trade had a modern ring: At issue was how much power the Federal government would have to protect American trade.

Southern delegates – whose region depended the most on exports – expressed concern about granting broad commercial powers to the national government. They feared that such powers might lead to high tariffs on imports, which would increase the cost of goods they had to import and raise the sector of retaliation against their exports.

Some delegates believed Congress might try to pass navigation acts in style of the British Parliament, restricting foreign trade American ships or making other regulations that would discourage trade. They argued that Congress should not be able to pass trade legislation without a two-thirds vote.

A few Southerners also worried that the new government would undermine the plantation system of agriculture by cutting off or taxing the importation of slaves into the United States.

By contrast, Northerners generally wanted a strong national authority over commerce so the government could negotiate trade matters better with foreign powers and raise revenues by a protective import tariff.

As Alexander Hamilton argues, tariff collections could finance the government and eliminate the need for a federal tax on land. After much debate, a compromise was worked out: Congress could pass trade acts by a simple majority, but could not levy any tariff on exports. The Constitutional prohibition against export tariffs has been an important benefit to farmers for the last 200 years.

As for the slave trade, Congress could tax imported slaves but could not interfere further with the slave trade before 1808.

In its final form, the Constitution gave the national government the power it needed to regulate domestic and international trade.

While broad international trade agreements were unknown in the 18th century, early governments under the Constitution were able to negotiate trade concessions with Britain and other countries which worked to the advantage of farmers.

In later periods, this national control of trade would be even more significant. Agricultural exports were extremely important to the development of the new nation: They became the basis of American economic growth in the first half of the 19th century, which in turn led to industrialization and the emergence of the United States as a world power.

Fingerprinting Roses

by Hubert Kelley
Ag Research, USDA

Why fingerprint a rose?

Answer: to protect it from piracy.

Here's the story. New hybrid varieties of rose can be patented, entitling the patentee to royalties from nurseries that grow and sell his creation. Consumers now pay from $4 to $20 for a patented rose plant, depending on the variety.

Unfortunately, pirating patents in the rose game is anything but rare. All that a rose pirate has to do is buy a popular hybrid, snip off some cuttings, root them, and he's in business. With thousands of hybrid varieties on the market, it's often difficult for the patent holder to prove in court that a particular rose is his.

Now, however, a U.S. Department of Agriculture scientist in Ohio has found a way to identify each variety of rose beyond question. Charles W. Krause, a plant pathologist with the Agricultural Research Service, used an electron scanning microscope to magnify the leaves of rose varieties as much as 20,000 times. When he did, he found marked differences among varieties in the shape of leaf openings, called stomata. There were additional differences in leaf hairs and waxy deposits on leaves and thorns.

Photographs of the distinctive openings can serve as "fingerprints" to settle questions of patent ownership easily.

"For the first time," says Krause, "we can accurately distinguish one rose variety from another."

The researcher has opened the fingerprint file with photos of 20 hybrid varieties, including South Seas, Antigua, Color Magic, Spellbinder, and Promise. He also has written a fingerprint manual.

Krause emphasizes that using the electron microscope to identify plant varieties is not limited to roses. He plans now to fingerprint patented varieties of trees and other nursery plants.

Is plant piracy really that common? Judging by the volume of mail from all over the world that Krause has received since first reporting his discovery, it is. A major Israeli exporter of new breeds of roses, carnations, and other flowers wrote that "the more we develop, the more we are pirated."

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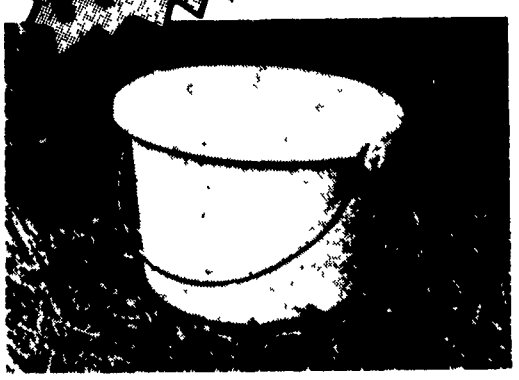

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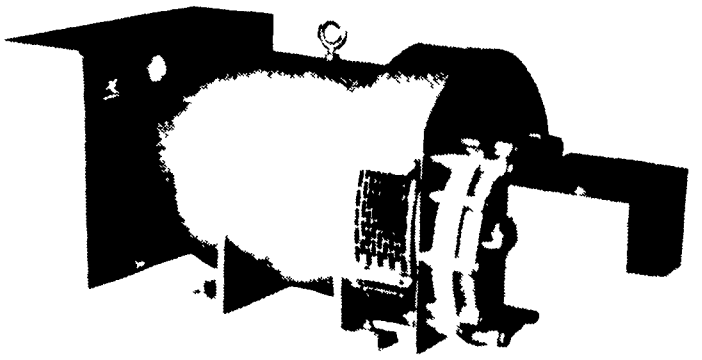

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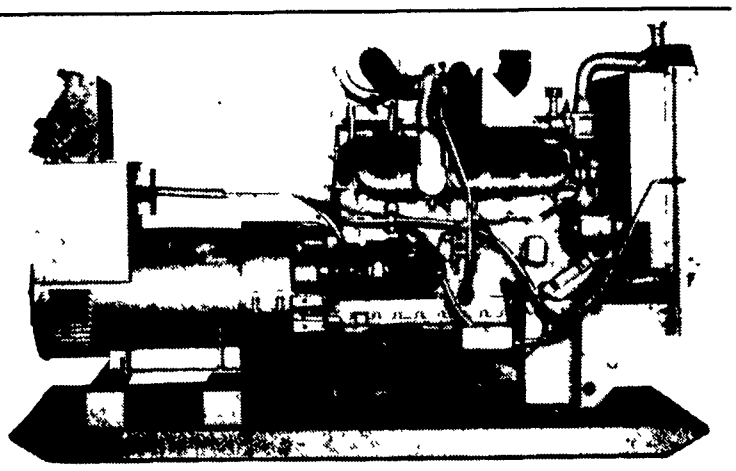

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SUMMARY OF RESULTS

Alfalfa Ensiled With And Without SILO-BOOSTER Conducted At The University Of Minnesota West Central Experiment Station Morris, Minnesota Summary Of Haylage Crops

DRY MATTER RECOVERY (1)	CONTROL	SILO-BOOSTER
Amount D.M. Ensiled, lb.	26,228	30,418
Amount D.M Removed, lb.	24,432	30,278
Recovery, %	93 2	99.5

(1) Individual loads of fresh forage were weighed before ensiling; after storage, silos were emptied completely at one time.

Composition and pH of Stored Alfalfa Ensiled With and Without SILO BOOSTER.

	CONTROL	SILO-BOOSTER
Dry Matter, %	50.66	54.98
pH	6 33	5.82
Crude Protein, %	23.64	23.45
Ammonia Nitrogen	19.76	14.80
ADIN-N. % of total N	5.76	5.58
ADF, % of D.M.	31.74	30.23
NFD, % of D.M.	42.44	41.88
Lactic Acid, % of D.M.	1.00	.87
Acetic Acid, % of D.M.	.72	.52
Propionic Acid, % of D.M.	.018	.007
Butyric Acid, % of D.M.	119	.027

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Marketing, Production Go Hand-In-Hand For Alberts

BY BARBARA MILLER
Lycoming Co. Correspondent

TROUT RUN — David Albert and son, David T., owners of the largest commercial sheep operation in Lycoming County, use a two-pronged approach to the sheep business.

David T. and wife, Holly, are currently using the new rotational grazing system to pasture their flock of 400 to 450 ewes and lambs on his father's 200-acre farm and an additional 150 rented acres. Graduates of Penn State, David T. and Holly hold degrees in animal productivity and horticulture, respectively. In addition to raising sheep, David T. teaches farm management part-time at Williamsport Community College, sells fencing and is a professional shearer.

A shepherd for 25 years, David has been conducting a successful marketing operation for the past six years, buying and selling lambs and sheep throughout the northern tier and into New York state. By so doing he participates in the only two lamb pools in the state at Tioga and Bradford Counties in the fall. Additionally, he purchases feeder lambs to feed out for the market although in the past he has maintained a flock of varying sizes.

Active in several sheep growers organizations, David is currently serving as a director in the Pennsylvania Sheep and Wool Growers Association, chairman of the Lamb Marketing Committee for Pennsylvania, and secretary-treasurer of the Sullivan County Sheep and Wool Growers.

Five Generations On Farm

David and David T. are the fourth and fifth generation of Alberts to farm the homestead settled by their ancestors from Germany in 1882. Daniel Albert, the younger son of David, although employed in a full-time position off the farm, also helps with the farm work. According to David, it was his grandfather, Charles, who began raising sheep on the place by keeping a flock of 20 to 25 ewes. The tradition of raising sheep on the farm has been continued by the Alberts until the present time.

Currently, the Alberts' flock is predominantly Columbia ewes, but they do have other crossbreeds and a selection of ewes that are twins, David observes. "We use registered and performance tested rams from Penn State," he notes.

The rams are Suffolk, Hampshire, Dorset and Columbia breeds. Sometimes the Alberts use a marking harness on Dorset and Columbia rams to mark the ewes they service. The ewe offspring of those rams, David says, are kept as replacement stock for their flock.

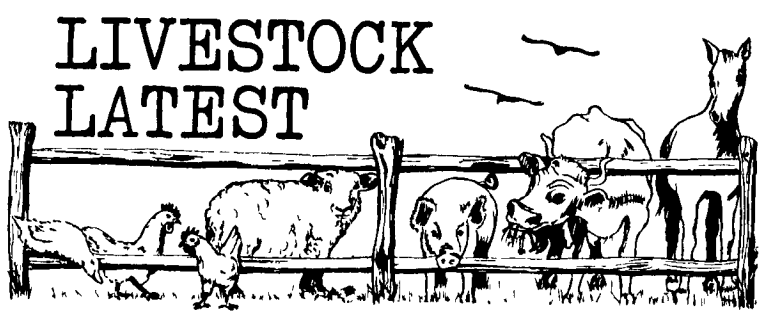
The Alberts' flock is usually bred so they begin lambing around the beginning of February in time for the Easter market. Their lambing percentage, according to David, is 150 percent, somewhat better than the state average of 120 percent.

Rotational Grazing

For the past two years David T. has been using a rotational grazing system to pasture his sheep. This system, which originated in New Zealand and Australia, is designed to keep pastures small enough to move the sheep often from one to another. To implement the system, David says, the land is divided into plots of a size according to the number of animals in the flock. The sheep are kept in the plot until the forage is grazed down and then are turned into a fresh pasture. This way, David explains, they always have the new growth to eat which has more nutritional value.

David is enthusiastic about the rotational grazing system. "It's an excellent method," he says. "You'll see more of it. The rotational pasture system utilizes forage better, uses less acres to

(Turn to Page E3)

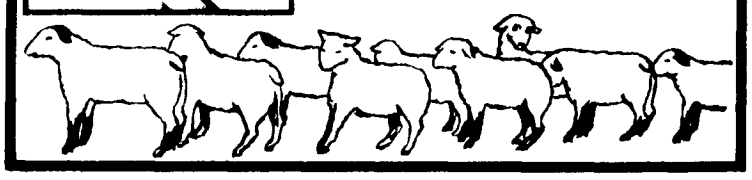


Dave Albert Jr., and his sheep dog Job find five-strand high tensile fencing to be effective for keeping sheep in and predators out.

Flock Forum

by
Clair Engle

Penn State Extension Sheep Specialist



Dealing With Foot Rot

Foot rot is one of the most economically devastating diseases of sheep. If let go uncontrolled, it can put the best of sheep producers out of business. Thorough treatment necessary for eliminating the disease in a flock requires a strong commitment to strict treatment practices.

Diagnosis

Obviously, not all lame sheep have foot rot and feet should be closely examined before reaching conclusions. The first visible lesion is a moist reddened area between the toes that may or may not be associated with lameness. Subsequently, the infection spreads under the sole of the hoof, causing tissue destruction, separation of the horny hoof tissues and associated lameness. A characteristic foul odor from the foot, as the name implies, is common when the infection reaches this advanced stage.

Prevention

Pennsylvania sheep producers who do not have contagious foot rot in their flocks are either very lucky or I am inclined to believe they were once plagued with the disease and have since committed themselves to a very strict prevention program. Briefly, these management ethics are: 1) Never buy sheep infected with foot rot, 2) Avoid common-use hauling equipment and penning areas, 3) Insist on proper drainage and frequent cleaning of heavily used confinement facilities and 4) Assume all new additions to your flock are either infected or have been exposed to foot rot. Upon arrival inspect the feet of each animal, trim, put through a foot bath and isolate for a minimum of three weeks.

In particular, when purchasing a few replacement ewes or a new ram do not hesitate to ask permission to check the feet of all or any animals in question.

Treatment

Again, for the sake of space I will outline and comment briefly on some of the more important points.

Vaccination — Vaccines are most beneficial when used in conjunction with other foot rot control measures such as hoof trimming, foot bathing and some strict isolation practice. Some credit has been attributed to vaccination as helpful in the treatment process during an outbreak, but is not recommended for treating the more advanced cases where there exists a severe infection between the hoof and sole region.

Foot baths[1] — Use of walk-through foot baths of 10 percent zinc sulfate every 5th to 7th day will greatly reduce the spread of foot rot to healthy animals. Enforced daily self-foot bathing with 10 percent zinc sulfate also reduces spread and will help most infected animals to recover. The foot bath can be situated between food and water. These methods will not cure carriers or those with severe undermining of the hoof unless their feet are carefully trimmed.

Foot soaks[2] — Ten percent zinc sulfate can also be used for prolonged soaking of feet (1 hour) for a more effective treatment. Addition of a wetting agent such as laundry detergent or other wetting materials will aid in the penetration of the chemical into the hoof. **Caution:** Do not use Formalin for soaks as it will severely burn the feet.

Dry chemicals[3] — A 10 percent zinc sulfate in lime can be placed in a sheltered box between feed and water to reduce spread of the disease. This is particularly useful during freezing weather when a solution would freeze. This method is an effective preventive measure and should not be used to treat diseased animals.

Trimming — It is very important before any medication is applied that the foot be thoroughly trimmed to expose all infected tissue. Nothing will work if it cannot have direct contact with the infected area. All diseased, dead and undermined hoof areas must be pared away to allow medication and air to reach the infected regions. Foot trimmers should be cleaned and dipped into a disinfectant after trimming an infected hoof.

Dry treatment pens & pasture lots — Prolonged exposure of feet to moisture is necessary for foot rot to persist and spread. The drier the area and less confined the sheep, the more effective the healing process. Treated sheep rotated between dry areas every two weeks is considered adequate time for these places once infected to become safe.

Topical treatment[4] — These are medications sprayed or painted on the infected foot just after trimming. This approach should be used only in isolated cases before the infection has gotten out of control and not be used in place of the foot bath or foot soak.

Antibiotics — Penicillin-streptomycin (1 ml./8 lbs. live wt.) appears to be the best one-shot intramuscular treatment, but this dosage is not approved for use in food animals. Withdrawal times for slaughter are prolonged when higher dosages are used. Thus this treatment should not be used without a veterinarian's consent or in animals you anticipate marketing prior to the prescribed withdrawal period. Keep in mind also that antibiotic treatment is far more expensive than any of the other listed methods. Consult your veterinarian for other possible antibiotics.

The best control of this disease can be obtained through the use of a combination of treatments. Vaccination, foot bathing of the entire flock at 5- to 7-day intervals and separation of remaining limping animals 14 days post-first treatment for further trimming and foot soaks, or individual topical treatment, for example, would be an excellent treatment combination. Cull all chronic cases after six weeks of following this strict treatment procedure.

[1]Foot bathing 10 percent solution is 8 pounds of zinc sulfate (ZnSO4-7H20, M W 287 56) in 10 gallons of water

[2]Foot soak is a 10 percent solution as above plus a wetting agent of liquid detergent (⅔ cup per 20 gallons of solution)

[3]Dry baths consist of zinc sulfate and agricultural grade lime, (10 lbs. zinc sulfate in 90 lbs. of lime)

[4]Topical solution of penicillin in alcohol, (10,000 units penicillin/ml) mix 5 million units of potassium penicillin G with 10 ml water and add the solution to a pint of alcohol

Coming Events

May 23	Sheep dispersal sale. For details call Wengert Feeds, Rheems, Pa.
June 6	Washington Co. Sheep Field Day, Washington, Pa.
June 27	Western Pa. Sheep Forage Field Day, Butler, Pa.
July 9 & 10	PSWGA Lamb & Wool Crafts Festival, Ag. Arena, PSU
July 10 & 11	PSWGA Keystone Ram & Ewe Show & Sale, Ag. Arena, PSU

The Albert flock averages a 150-percent lamb crop. Lambing begins in early February to capitalize on the Easter market.

Albert Sheep

(Continued from Page E2)

feed more sheep, and helps control internal parasites."

An additional advantage he cites is the fact that in the fall when breeding season arrives, there is fresh pasture for the ewes, which puts them in a gaining situation for breeding season.

The Alberts use three strands of electrified poly wire supported by fiberglas posts as a temporary measure to section the land. For permanent perimeter fencing they use a five-strand high tensile fence. David T. feels the fencing works very well to contain the sheep and keep out predators. He notes the cost is approximately two-thirds less than woven wire fence.

A shepherd must worry about predators, four-legged and sometimes even the two-legged kind, according to David, along with such things as foot rot and internal parasites.

"The predation problem is always at the forefront of raising sheep," he observes.

David's main concern at the present is coyotes. He says there is a severe coyote problem in New York state and as time goes by more coyotes are being seen in Pennsylvania. Last year 60 lambs were lost to coyotes in Tioga County and he cites a well known example in New York state where out of a flock of 1,000 to 1,200 sheep over a period of two months 300 lambs were killed by coyotes. After the owner pleaded for a change in the existing laws, he simply gave up and went out of business, says David.

David would like to see a little more control of the coyote population in Pennsylvania and says sheep growers need to work closely with the Pennsylvania Dog Law Enforcement people and the Pennsylvania Game Commission.

Concerning David's marketing operation, he reports, he markets almost all sheep and lambs through the Lancaster Stockyards through Walter M. Dunlap, his agent. Last year, he observes, more than 3,000 sheep passed through his operation. "I'm into Lancaster whether buying or selling almost every week of the year," he says.

David buys cull sheep, ewes and goats which he sells directly to packers in Wilkes-Barre, Elmira, and Winfield. Many of these will eventually be shipped to New York City, he notes. David also deals with local livestock markets on occasion and sells direct to consumers.

Lamb Pools Pay Off

Regarding the lamb pools held at Tioga and Bradford Counties, David explains, the lambs are assembled, graded, weighed and grouped as to size and sold to buyers in about three or four states via the tele-auction.

By pooling their lambs in this way, David says, producers make it convenient for the buyers to purchase lambs in the numbers they prefer as well as in uniform lots. He says they will 300 to 500 lambs per sale with a total of about 3500 lambs for the season.

David believes to be more successful, sheep growers need to start with marketing instead of production. Producers need to find out what the buyers are looking for, he says, what kind of lambs they will buy, and then produce them in the numbers buyers want.

"Most people are not marketers, just sellers," he observes. "They don't look at the market or size of their lambs. Sheep producers need to pay more attention to marketing," he asserts.

David predicts with some satisfaction that before the calendar year is up there will be a 25-cent-per-head check-off enacted to collect funds to aid in the promotion and marketing of sheep.

Besides his sheep, David and wife, Marian, keep a herd of 20 Holstein cows. Marian observes she spends more time taking care of the cows than the sheep. Additionally, she does much of the book work for the farm.

The Alberts have a daughter, Christine, in addition to their two sons, who is a recent graduate of Mansfield University and is employed as a teacher.

Looking into the future of marketing, David says, he sees more electronic marketing such as tele-auctioning. And regarding his personal future, he says, he would like to increase his marketing operation and is considering the possibility of building a new facility in which to feed lambs.

Rotational grazing is an important part of Alberts' sheep program. Three strands of electrified poly wire on fiberglas posts provide movable fencing.

NW Keystone Scheduled For Memorial Day Weekend

MERCER – More than 300 entries are anticipated for this year's Northwest Pennsylvania Keystone Junior Beef Classic to be held at the Crawford County Fairgrounds May 23 and 24. The show is open to all youngsters under 21 years of age and includes registered cattle of all breeds as well as cross bred cattle.

In the breeding classes, females of all ages may be shown as well as cow-calf pairs. And in the steer show there will be a registered Polled Hereford competition, a registered Shorthorn competition, a registered Angus competition and a registered Simmental competition in addition to the traditional cross bred classes.

All exhibitors in the 1987 Classic will receive a specially designed T-shirt. Cash prizes will be awarded for all class winners as well as trophies for grand and reserve champions and cow-calf pairs. The grand champion Hereford, Shorthorn, Angus and Simmental steers as well as the grand champion cross-bred steer will compete for the coveted supreme champion trophy and jackpot of $200 to be awarded to the top-showing steer of the entire show.

Additional information is available from County Agent Bob Calvert, P.O. Box 530, Mercer, PA 16137.

Lancaster Plans Wool Show, Display

LANCASTER – Once again the Lancaster County Sheep and Wool Grower's Association in cooperation with Penn State Extension has planned an informative and educational meeting for sheep producers. The meeting, scheduled for Monday, May 18, at 7:30 p.m., will focus on wool production including a wool show in which everyone can participate.

Scheduled for the Lancaster Farm and Home Center basement, the evening will include a display of fleeces from different sheep breeds, a discussion on preparing fleeces for sale and grading of fleeces by Penn State Extension Sheep Specialist Clair Engle, and a producer wool show including classes for fine, ½-blood, 3/8-blood, low-¼, and common braid.

Interested persons are invited to attend and enter the show by contacting Extension agent Chet Hughes at 717-394-6851.

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Lebanon Co. Holds Innovative 'Youth To Youth' Sale

LEBANON — A group of Lebanon County 4-H'ers may have chalked up a first for Pennsylvania when they held their Youth to Youth Club Pig and Lamb Sale on May 1 at the Lebanon Fairgrounds.

The sale was unique in that 4-H members sold the offspring from their own breeding projects to fellow club members shopping for show prospects.

"It's a unique marketing approach," said Lebanon County Extension agent and club adviser Ken Winebark. "Carrying a livestock breeding project develops numerous aspects of the management of animals and provides the member with many more opportunities to grow."

Because consignors were required to put all their animals across the auction block, some found themselves bidding for their own animals. "It kind of put them in an interesting situation," said Winebark, noting that consignors had to make a decision whether or not to "cash in" their animals or buy them for the upcoming show season.

"I was really pleased," Winebark said, adding that the sale's 95 pigs averaged $78.63 each, and the 14 sheep averaged $85. Total sale receipts came to $8,660. Sale consignors were Heather Emrich, Annville; Daryl and Darren Grumbine, Myerstown; Eric Harnish, Palmyra; and Jay, Donald and Michael Kleinfelter, Myerstown.

A black pig consigned by the Kleinfelter brothers topped the swine sale at $170. The high bidder was Daryl Grumbine, who had sold the pig's sire to the Kleinfelters. Prices on the pigs ranged from $35 to $170 per head.

The Grumbines quickly recouped most of their hog investment by selling a pair of lambs for the day's high price of $135 each. The enterprising brothers bought one of the lambs themselves and sold the other to Greg Bankert of York County.

The Lebanon Valley National Bank, a loyal supporter of the county's youth agricultural programs, also entered the bidding, buying a pig and donating it to the club. The pig was then offered in a drawing that say Shawn Haldeman of Manheim go home with a free show prospect.

Auctioneer Harry Bachman sold pigs and lambs to 39 buyers from seven counties.

Prior to the sale, 4-H and FFA members had the opportunity to sharpen their weight guessing skills in a contest that saw Jason States of Lebanon emerge the winner. Wendy Atkins of Lebanon and Doug Musser of Elizabethtown placed second and third, respectively.

"The Youth to Youth sale has really generated a lot of enthusiasm in our livestock program here in Lebanon," Winebark summed up. "We have quite a few more members interested in getting involved with breeding projects now."

Consignors in the "Youth To Youth" sale were (front, left) Darren Grumbine, Jay Kleinfelter, Mike Kleinfelter, (rear, left) Eric Harnish, Donald Kleinfelter and Daryl Grumbine.

USDA Proposes New Regs For Imported Poultry Products

WASHINGTON — The U.S. Department of Agriculture is proposing that any foreign country exporting poultry to the United States set up a residue sampling and testing program at the point of slaughter.

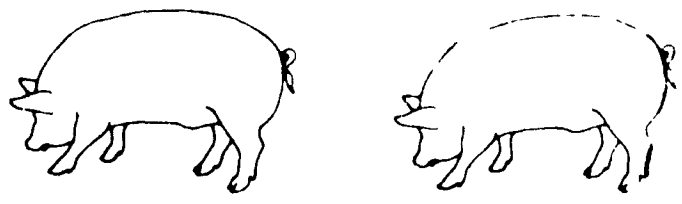
The proposal would also amend current regulations to ensure that the inspection, sanitation, quality, species verification and residue standards for domestically produced poultry also apply to imported products, according to Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

"This regulation would put into practice provisions of the 1985 Farm Bill which amended the Poultry Products Inspection Act to require residue testing and species verification of imported poultry," said Houston.

Currently, only Canada, France, Hong Kong and Israel are eligible to export poultry or poultry products to the United States. They each began residue and species testing for poultry in 1983, when USDA set identical requirements for meat products, as mandated by the 1981 Farm Bill.

"Since the countries now exporting poultry to the United States are already meeting these requirements, there will be no economic impact on them or on domestic producers or importers," said Houston.

USDA currently prohibits the entry of meat and poultry that is adulterated or misbranded, or does not comply with other requirements of domestically produced products. USDA also reviews the inspection systems of all countries that export meat and poultry to the United States and reinspects these products, on a sample basis, on arrival.



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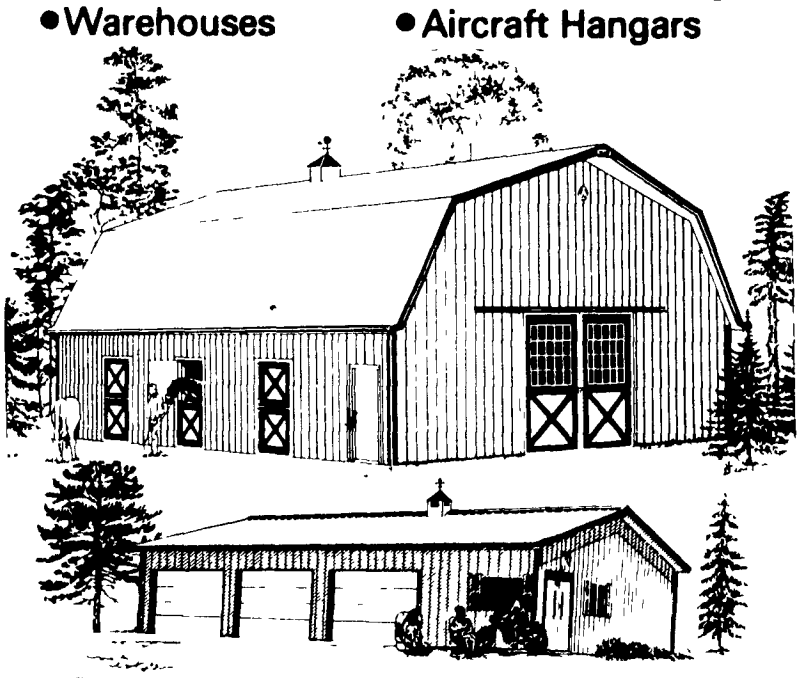

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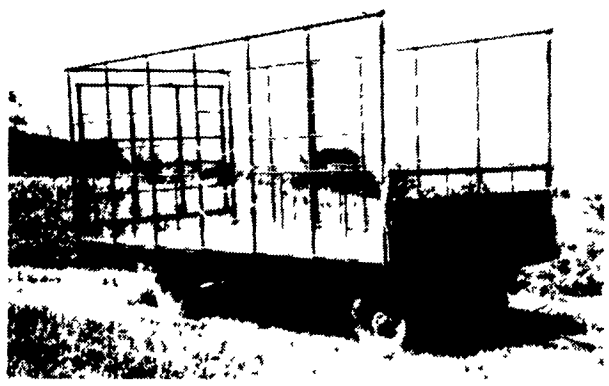

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188 Sheep Sell At W. Pa. Sheep And Club Lamb Sale

BY CAROLYN GILLES
Crawford Co. Correspondent

MERCER – Penn State 8644, was the high selling animal at the 13th annual Western Pennsylvania Sheep and Club Lamb Sale held at Mercer County 4-H Park on Saturday, May 9. The yearling ram went for $360 to James Hill of Blairsville, Pa. The consignor was Penn State University. Frostaire SH-33-150002M was the sire and Hunter 8238-455957F was the dam.

The top Suffolk ewe was Estel F21 sired by Frostaire CT110-16829M. Dam was Estel 237-4772006F. Consignor was Jack and Mary Estel of Clinton, Pa. The ewe sold to David Clyde of Slippery Rock, Pa. for $230.

The high-selling Montadale was Strock 130 consigned by Strock's Sheep Farm, Southington, Ohio. The yearling ewe went for $170 to Phillip Macri of Mercer, Pa.

A ewe with twin lambs at side took the highest bid for Horned Dorsets, selling for $210 to Wilber Tomlinson of Ravena, Ohio. Hunter 1294 was consigned by George Hunter of Stoneboro, Pa.

Twins captured the high bid for the Columbia breed, selling for $175 each to Billie Solle of Franklin, Pa. Consignor was Dirk Wise of Spring Mills, Pa.

The top Corriedale went for $150 to Marcia Read of Claysville, Pa. Thoma 745 was consigned by Gerald Thoma of Kensington, Ohio.

The sale's high Merino was consigned by Kenrick and Kathy Smith of Jeromesville, Ohio and sold to David Miller of Greensburg, Pa. for $145.

Cheviot Otto 8 sold with his dam, Cheviot-#50, and twin brother to Chet Welsh of Ford City, Pa. for $245. The lamb was consigned by John S. Otto of Loyalhanna, Pa.

McMillen 10, the high Tunis, was consigned by Sheep Ridge Farm, Sugar Grove, Pa. The buyer was Peter Wuchina, New Dairy, Pa. for $85.

Top Hampshire was McCutcheon 007M who sold to Roger Bollard of Stoneboro, Pa. for $125. Consignor was Marlene McCutcheon of Vandergrift, Pa.

High Shropshire was Calvert 8665 consigned by Calvert Farms, Spraggs, Pa. The twin sold to John Miller of Greensburg, Pa. for $140.

Burdick 094 was the high Polled Dorset, selling to John Thompson of Carrollton, Ohio for $300, and consigned by Robert Burdick, Mercer, Pa.

Garnering the high Southdown bid was Woodland 8720, consigned by Woodland Acres, Clune, Pa. The twin ram lamb sold to Neil Townsend of Cochranton, Pa. for $85.

High Hampshire-Suffolk Cross was consigned by R.H. Campbell of Tyrone, Pa. The buyer was Justamere Suffolks of Beaver, Pa. for $195.

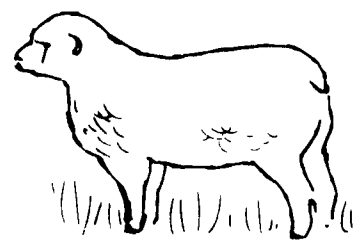
Auctioneering the event was Lloyd Braham of Grove City, Pa., assisted by his son Donald. County agent Bob Calvert announced the lot numbers from the auction block.

Total sales for the evening of active bidding was $19,160, with 188 animals changing hands. The average sale price was $102. An estimated 20 percent of the animals went to buyers in Ohio, another 5 percent to New York, with about 75 percent remaining in Pennsylvania.

Auctioneer Donald Braham calls for bids on Mary Estel's Suffolk lamb. With him on the auction block is Mercer County Extension agent Bob Calvert.

Five Suffolk yearling rams averaged for $268; 10 ram lambs averaged $117; 21 registered yearling ewes averaged $150; 40 registered ewe lambs went for an average $119 a head; nine lots of non-registered ewe lambs averaged $115.50; and 91 wethers averaged $66.70.

Top multiple buyers were Wilber Tomlinson of Ravena, Ohio and W.F. Williams.



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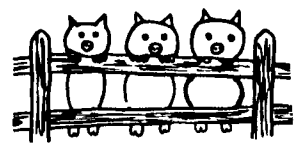

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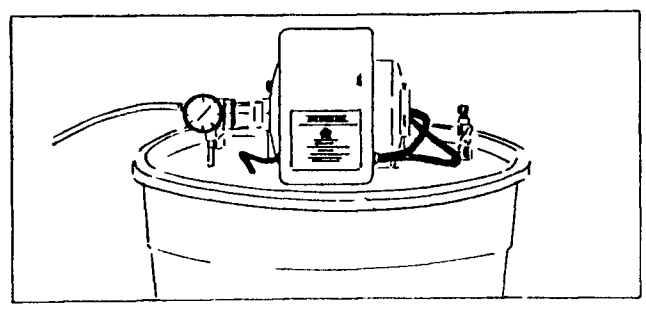

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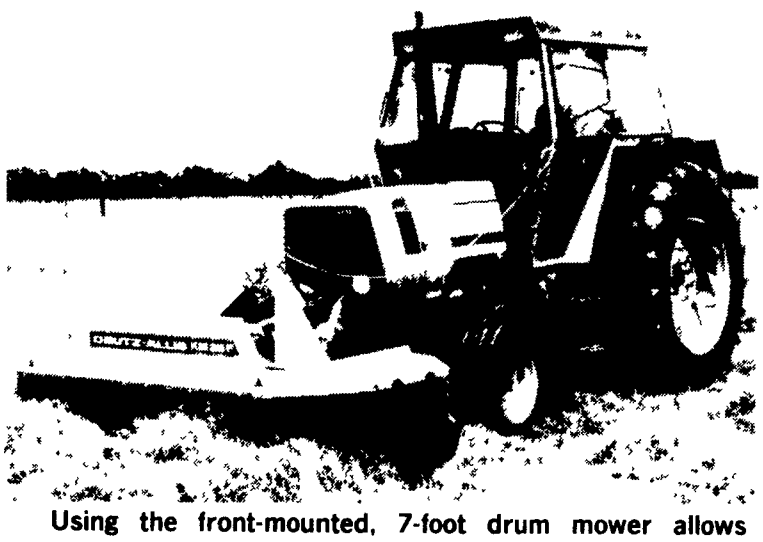
BUSINESS NEWS...



Using the front-mounted, 7-foot drum mower allows operator to attach an additional implement to the rear.

Deutz-Allis Offers Front-Mounted Mower

MILWAUKEE, Wisc. – The KM 25F front-mounted drum mower adds another dimension to the Deutz-Allis hay equipment line with a mower mounted on the front. Operator visibility is improved and the operator has the option of mounting another implement on the rear. The result is quicker haymaking. You can double-up operations, reducing field trips and saving time, fuel and labor.

The front-mounted mower incorporates all the field-proven features of Deutz-Allis rear-mounted mowers, such as a shock-absorbing V-belt drive; heavy-duty frame construction; large-diameter flotation saucers which gauge cutting height while following ground contours. Helical-cut gear sets make for quieter operation and 70 percent more contact between gear teeth.

Narrow transport width ensures safe road handling. The KM 25F is easier to maneuver through narrow field gates. An A-frame hitch allows easy hitching and unhitching.

The popular Twin-Power option is available on Deutz-Allis 6200 and 7100 Series tractors from 43-122 PTO hp.

White Oak Mills Names Sales Rep

ELIZABETHTOWN – Duff L. George, who was named Outstanding Senior for 1986 by Penn State's College of Agriculture, has been named White Oak Mills' sales and service representative for central and south central Pennsylvania. He will work with swine and beef farmers throughout the Cumberland Valley.

White Oak manufactures a complete line of feeds and concentrates for swine, beef and dairy operations under the "White Oak" label. Headquartered in Elizabethtown, White Oak also has a retail store in Shippensburg.

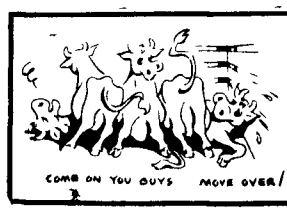
George will consult with growers on the nutritional and housing needs of swine. He will also work with them on the purchase of feeder pigs, the marketing of hogs and the sale of Genesis breeding stock.

Customers for White Oak's beef and dairy rations will be able to have their homegrown forages tested through George. Data from the tests will be put through White Oak's computers to determine the most profitable feed mixes for individual herds.

A Carlisle native, George graduated from Carlisle High School in 1981. He is the son of Jimmie and Rosalie George. His father is a partner in George's Flowers in Carlisle, a business that has been in the family for four generations.

Duff George

At Penn State, George earned a B.S. in animal production with a minor in extension education. He spent summers working for a variety of agricultural enterprises. As part of his course work at Penn State, he served internships with Jorgensen Angus in Ideal, South Dakota, and with the Lancaster County Extension Service.



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Wolgemuth Sheep Dispersal Scheduled May 23

EPHRATA – Farmers interested in getting into the sheep business or expanding an existing flock may want to make a trip to the Lloyd Burkholder farm near Ephrata on May 23.

Beginning at 10 a.m., more than 2,000 sheep will hit the auction block, marking the end of Wolgemuth Bros., Inc's involvement in the sheep business.

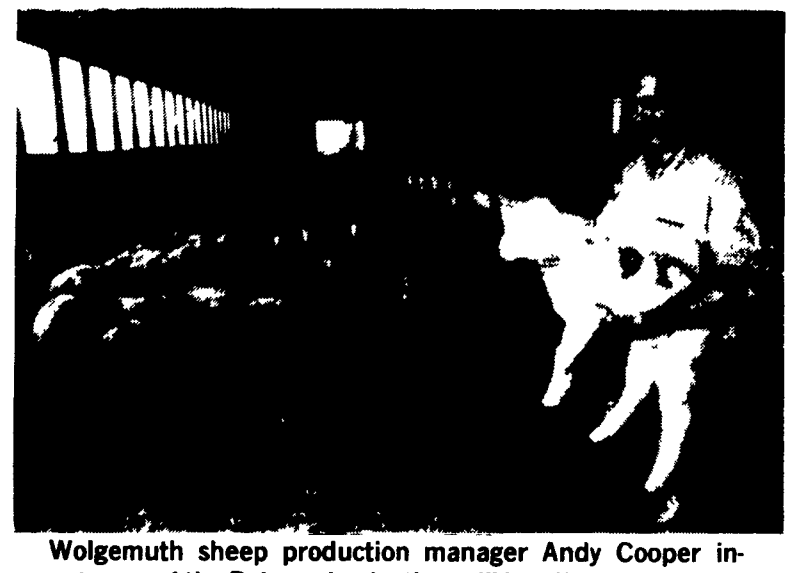
Encouraged by growing demand for lamb and increased slaughter capacity in the East, the Mount Joy-based feed company decided to expand its operations to include sheep production. Now, after two years in the business, Wolgemuth is doing an about-face, dispersing its flock of 1,000 Polypay ewes, along with rams, ewe lambs and feeder lambs.

"We're putting it (sheep business) in the hands of those people who can bring it to its full potential," says Wolgemuth spokesman Bruce Limpert. "I think it's opening more doors than it's closing."

The large flock now assembled at the Burkholder farm comes from Wolgemuth's 12 contract growers located thoughout the southern half of the state from Bucks to Somerset Counties. Most of the sheep are Polypays, a white-faced breed developed in Idaho by crossing Rambouillet, Finn, Dorset and Targhee sheep. Polypays are highly valued by commercial breeders because of their out-of-season breeding capability, according to Andy Cooper, Wolgemuth's sheep production manager.

"The sheep are easy to handle," says Cooper. "They're a good-size, productive animal bred for a commercial enterprise."

Under good management, the average 150-pound ewe can lamb every eight months, with an average annual lambing rate of 200 to 225 percent, Cooper estimates. When bred to a black-faced ram, the ewe produces a lamb that yields a 52- to 53-percent carcass weighing about 55 pounds. Cooper says that ewes can be bred at six to seven months and will continue to produce lambs for eight to nine years.



Wolgemuth sheep production manager Andy Cooper inspects one of the Polypay lambs that will be offered for sale at the company's sheep dispersal sale. More than 2,000 head of sheep, along with equipment and supplies will sell.

"It's a dual-purpose animal," says Cooper, adding that the breed produces a very good "medium" fleece.

The majority of the sheep in the sale will be one to two years old, says Limpert. About 130 of the 1,000 ewes will be sold with lambs. While most of the breeding flock are Polypays, there will also be some Rambouillet and Rambouillet-Dorset cross ewes. Other consignments include more than 200 ewe lambs, 27 registered Polypay rams, a few Hampshire, Suffolk and Dorset rams, 20 Polypay ram lambs, and 800 feeder lambs.

Sheep-related equipment to be sold includes fans, self-feeders, water tubs, flex augers, Poldenvale portable scales, 25 kw PTO generator, pregnancy tester, drench guns, hoof trimmers and other items.

Limpert says the sheep industry has a bright future in Pennsylvania for a number of reasons. "The demand has always been here," he says, adding that processing capacity is finally responding to the rising demand for lamb in the densely populated urban corridor from New York to Baltimore. "It's a growing industry," says Limpert. "You can see a strong foundation building within the state."

The Wolgemuth flock will be available for inspection Wednesday, May 20 through Friday, May 22. For more information on the sale contact Ken Smoker at Walter M. Dunlap and Sons, 717-397-5136, or Bruce Limpert, 717-367-1195.

Farm Credit Reports Earnings, Delinquency Rates Down

BALTIMORE, Md. – The Farm Credit Banks of Baltimore recently announced operating results for the first quarter. These figures reflect the continued ability of mid-Atlantic region farmers and their lenders to cope with low commodity prices, adverse weather and high production costs amid signs of a possible return to relative stability in the region's agricultural industry.

Earnings for the District, including the Federal Land Bank of Baltimore, and its affiliated Federal Bank Associations, the Federal Intermediate Credit Bank, and its affiliated Production Credit Associations, and the Baltimore Bank for Cooperatives, were down significantly from earnings realized during the same period last year. Lower interest rates resulted in a reduction in net earnings to $.3 million as compared to net earnings of $3.4 million (after contributing $4.2 million in financial assistance) for the first quarter of 1986.

Gene L. Swackhamer, President of the Banks, commented, "The first quarter was a period of relative stability ... although some locations and specific enterprises experienced more stress than others." In his letter to the District stockholders, Swackhamer continued, "While interest rate changes are reducing the Banks' and Associations' earnings, we believe the actions are sound and reflect our commitment to offer customers competitive interest rates."

Swackhamer explained that even though the rate reductions caused reduced earnings for the first quarter, he was confident that the competitive loan pricing programs would increase loan volume, resulting in a larger customer base and positive earnings later in the year.

The Farm Credit System

Farm Credit News

During the first quarter 1987, the institutions of the Baltimore District were not called upon to lend financial assistance to other cash-strapped Districts in the System. A total of $89 million was provided to other Districts during 1986.

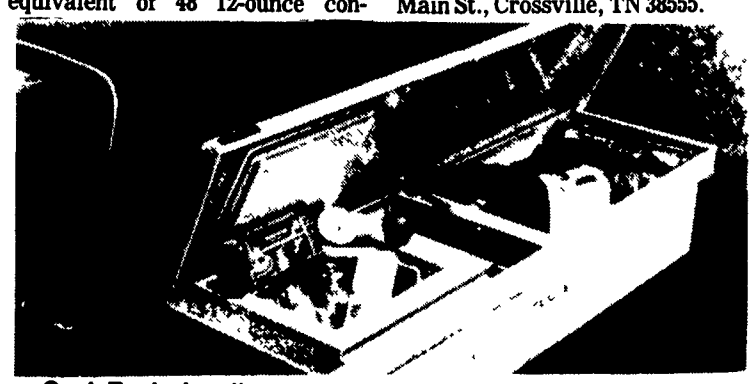
Delinquency rates were down for the first quarter of 1987 as compared to a similar period in 1986. FLB farm loan delinquencies were 4.1 percent of the number of loans outstanding, while delinquencies for the PCAs decreased from 4.3 to 3.4 percent of the number of borrowers.

Combination Cooler/Tool Box

CROSSVILLE, Tenn. – The Cool-Tooler – designed for easy, add-on installation behind the cab of any pick-up – has a patented, electronic cooler with a built-in thermostat. It will keep food, beverages, medicines, film or other items at a temperature of between 32° and 44° F. – automatically – replacing old-fashioned ice chests and non-electric coolers.

Large enough to hold the equivalent of 48 12-ounce containers, the 12-volt cooler runs only when necessary to maintain the desired temperature. Even when set on Maximum Cold, it uses only 4 amps of current per hour while running.

The Cool-Tooler is available to fit virtually any make or model of pick-up, regardless of age. A full, 1-year warranty is included. For further details, contact: Cool-Tooler, Inc., Dept. LF, 2906 N. Main St., Crossville, TN 38555.



Cool Tooler's all-metal, white-enameled housing mounts easily to pickup beds.

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Allis Chalmers	281-140S	$295 46	$295.46	$237.50
Allis Chalmers	299-180S	$340.80	$340.80	$272.41
Badger	100	$329 86	$329.86	$263.99
Badger	150	$361.00	$361.00	$287.97
Badger	160	$328.52	$328.52	$262.96
Badger	200	$384.85	$340.66	$272.30
Badger	205	$414 84	$414.84	$329.42
Badger	240	$473.43	$418.36	$332 13
Badger	3210	$424.45	$375.40	—
Badger	3260	$497.17	$434.80	—
Badger	3330	POR	POR	—
Balzer	204	POR	POR	POR
Balzer	240	$511.05	$451.36	—
Balzer	300	POR	POR	POR
Balzer	307	POR	POR	POR
Balzer	410	$365 72	$323.88	$259 38
Balzer	440	$640.66	$435.96	$345.68
Balzer	515	$782 42	$435 96	$345.68
Balzer	700	$993.24	$546 36	$430 69
Big Blue		$308.64	$308.64	$246.91
Case	180	$395.80	$395 80	$314 76
Cobey	75	$274.42	$274.42	$219.54
Cockshutt	623A	$289 00	$289.00	$231 20
Co-op	31T	$289 00	$289 00	$231.20
Cunningham	85A	POR	POR	POR
Decker	100, 101, 301	$314.52	$314.52	$251.61
Eze-Way		$283 44	$283.44	$226.75
Farm-Eze	1700	$322.33	$322.33	—
Farmhand	430	$277 02	$277 03	$221 62
Farmhand	450	$571 38	$571.38	—
Farmrite	M165	$363 34	$362.34	$289 87
Ferguson	A10,21,22	$255 72	$255 72	$204 58
Forage King	160	$369.65	$369.65	$295 72
Ford	2016	$323.35	$323 35	$258 68
Freeman		POR	POR	POR
Gehl	180	$380 07	$380 07	—
Gehl	250	$427.54	$427.54	—
Gehl	350	$349 51	$349.51	$279 12
Gehl	500	$410 87	$410 87	—
Gruett		$322 07	$322 07	$257 66
H&S	180	$365 00	$365 00	$291.05
H&S	220	$365 00	$365 00	$291 05
H&S	295	$492 28	$492 28	$389 05
H&S	350	$537.18	$537 18	—
Huebner		$343 17	$343.17	$274 53
Int Harv	101,102,103	$253.50	$253 50	$205 19
Int Harv	125,130	$322 37	$322.37	$258.22
Int. Harv	150,155,160	$376 86	$376.86	$300 18
Int. Harv	175	$386 11	$386.11	$308.88
Int. Harv.	200F	$303 72	$303.72	$242.97
Int. Harv	200HT	$252.40	$252.40	$201.92
Int Harv.	320	$409.09	$409.09	$324.99
Int. Harv	400,400A	$343 46	$343.46	—
Int. Harv	530	$386.66	$342.25	$237 53
Int. Harv.	540	$428.52	$378.97	—
Int Harv	550	$510.53	$450.91	—
Int Harv	555	$510 53	$450.91	—
Int Harv.	560	$599 80	$529.97	—
Int. Harv	570	$325.72	$325.72	$260.80
Int. Harv	575	$325.72	$325.72	$260 80
Int Harv	580	$372.55	$372.55	$296.86
Int Harv.	595	$469.57	$414.97	$329 52
Jadco	Small	$266.91	$266 91	$213.53
John Deere	33	$318.75	$318 75	$255 43
John Deere	34	$363 86	$322 25	$258.13
John Deere	40	$376 12	$333.00	$266 41
John Deere	44	$424 11	$375.10	$298 82
John Deere	54	—	$442.00	—
John Deere	660	$643 96	$424.76	—
John Deere	680	$496.85	$438.91	—
Kasten	135	$334.21	$334 21	$267 34
Kasten	175	$362.81	$362.81	—
Kasten	250	$451.55	$451.55	—
Kasten	270	$422.65	$422.65	—
Kasten	325	$513 07	$513 07	—
Kasten	400	$513.07	$513 07	—
Kelly Ryan	150	$394.45	$394.45	$315.56
Knight	66	$291.67	$291 67	$233 34
Knight	88	$371 46	$371 46	$297 17
Knight	135,140	$347 02	$347 02	$277 62
Knight	115	$303.40	$303.40	$242 72
Knight	180	$379 56	$379.56	—
Knight	195	$390 63	$390 63	$310 78
Knight	235	$417.64	$417 64	—
Knight	250,252	$429 22	$429 22	—
Knight	300	$464 41	$464 41	—
Knight	350	$351 19	$351 19	—
Knight	410	$398 27	$398 27	—
Knight	500	$385 77	$385 77	—
Knight	510	$385.77	$385.77	—
Knight	650	$483.21	$483 21	—
Lundell		$331.44	$331.44	$265 15
Massey Ferg	A-10,A-21,A-22	$249.73	$249 73	$199.78
Massey Ferg.	18,20	$286.79	$286.79	$229.43
Massey Ferg.	110,130	$286.36	$286.36	$230 49
Massey Ferg	160	$328.53	$328.53	$262.96
Massey Ferg	205	$412.84	$412.84	$327.88
Massey Ferg	721	$352.80	$352.80	$282.24
Massey Ferg	724	$408.66	$408.66	$326.93
Massey Ferg	727	$439.32	$439.32	—
Meyers	M125A	$488.95	$292.00	POR
Meyers	M145A	$566.40	$338.25	POR
Meyers	M160A	$575.61	$343.75	POR
Meyers	M190A	POR	POR	POR
Meyers	M225A	$715.64	$427.35	POR
Meyers	M300A	$715.64	$427.35	POR
Meyers	M350A	$807.94	$482.50	POR
Miller	M235	$370.16	$370.16	$296.12
Miller	M295	POR	POR	POR
Miller	M350	POR	POR	POR
Minne	110	$299 13	$299 13	$239.30
Moline	SL200	$275.53	$275 53	$220.42
Moline	SL300	$284.87	$284.87	$227.90
Minnesota	220	$487.07	$487 07	$389.65
New Holland	200,202,220	$287 50	$287 50	$231.37
New Holland	213	$262.66	$262.66	$212.24
New Holland	221,222	$287 50	$287.50	$231.37
New Holland	300,336	$322 07	$322.07	$257 99
New Holland	470,475	$408.02	$408.02	$324.17
New Holland	510,511,512	$382.34	$338 46	$270 76
New Holland	513,514	$382.34	$338.46	$270 76
New Holland	516,517,518	$446.70	$394.92	$315 94
New Holland	519,520	$456.59	$403 59	—
New Holland	675,676,677	$576 48	$508.76	—
New Holland	679,680	$585.44	$516 62	—
New Holland	790	$885.50	$644 42	—
New Holland	791	$885 50	$644 42	—
New Holland	795	$487 90	$431 06	—
New Holland	800	$485 25	$428 73	—
NH Dble Slatted	510,511,512		$22.40	$461 32
NH Dble Slatted	513,514		$454.23	$401 52
NH Dble Slatted	516,517,518		$628 10	$554 92
NH Dble Slatted	519,520		$596 45	$528 03
NH Dble Slatted	675,676,677		$815.68	$718.76
NH Dble. Slatted	679,680		$779.06	$686.46
New Idea	10A	$264.77	$264.77	$211.82
New Idea	12A,17,200	$269.87	$269.87	$215.89
New Idea	14,18	$215.50	$215.50	$182.40
New Idea	15,19	$300.70	$300.70	$240.56
New Idea	201,203,208	$317.27	$317 27	$254.29
New Idea	202	$303.25	$303.25	$242.60
New Idea	205,207,210	$399.56	$399.55	$317.64
New Idea	206	$263.18	$263.18	$210.54
New Idea	211	$295.63	$260.56	$210.63
New Idea	212	$343.36	$299.55	$240 65
New Idea	213,217	$409.75	$360.66	$287 70
New Idea	214	$465.23	$408.10	$324 23
New Idea	218,244	$551.63	$483.89	—
New Idea	224,245	$626 00	$549.13	—
New Idea	243	$457.69	$401.49	—
New Idea	351A	$296 94	$296 94	$240 18
New Idea	351B	$314.05	$314.05	$251 81
New Idea	352	$387 92	$387.92	—
New Idea	353	$538.17	$538 17	—
New Idea	354	$555.85	$555.85	—
New Idea	355	$436.51	$436.51	$346.11
New Idea	360	$268.38	$268.38	$216 65
New Idea	361	$316 75	$316.75	$253.89
New Idea	362	$387.92	$387 92	—
New Idea	363	$538 17	$538.17	—
New Idea	364	$555.85	$555.85	—
Oliver	590	$360 27	$360.27	$288 22
Patz	181	—	$483 77	—
Patz	350	—	$500 71	—
Schultz	110	$306.55	$306 55	$246 84
Schultz	2130-30	$287.98	$287.98	$230.38
White	31T,623A	POR	POR	POR
White	624B	POR	POR	POR

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		POR	POR	POR	POR	POR
Artsway	17142-0	POR	404 18	404 18	POR	POR
Badger	BN23 16	POR	POR	POR	POR	POR
Badger	BN24 18'	POR	POR	POR	POR	POR
Badger	BN950 14'	236 29	344 40	344 40	120 39	196 12
Badger	BN950 16'	267 68	389 20	389 20	120 39	196 12
Badger	BN1416 14'	POR	POR	POR	POR	POR
Badger	BN1416 16'	POR	POR	POR	POR	POR
Balzer	5014	POR	361 68	361 68	POR	POR
Balzer	6514	POR	304 56	304 56	POR	POR
Balzer	6516	POR	418 84	376 40	POR	POR
Balzer	6518	POR	488.24	428 28	POR	POR
Balzer	6520	POR	551.90	484 12	POR	POR
Balzer	7018	POR	POR	POR	POR	POR
Danco	14'	POR	313.44	313 44	POR	POR
Danco	16'	293 16	359 24	359 24	POR	POR
Dion	Forage Box	POR	POR	POR	POR	POR
Dion	14'	POR	345.48	345 48	POR	POR
Dion	16'	POR	389.00	389 00	POR	POR
E-Z	714	POR	POR	POR	125 85	217 50
E-Z	716	POR	POR	POR	125.85	POR
Fox	WB 16A	POR	POR	POR	127 47	POR
Fox	325	POR	POR	POR	POR	POR
Fox	625	POR	POR	POR	126.80	POR
Gehl	80,81,82	234.57	314.70	314 70	142 05	193 40
Gehl	83,84,86	234 57	314 70	314 70	142 05	193 40
Gehl	610,620,630, 640, 14'	271 81	367 79	367 79	POR	POR
Gehl	610,620,630, 640, 16'	313 46	422 62	422 62	POR	POR
Gehl	700,710,810, 910,920,940 960, 14'	241 12	323 88	323 88	POR	185 73
Gehl	910,920,940, 960, 16'	274 08	370 02	370 02	122 52	185 73
Gehl	BU960 18'	308 26	416 16	416 16	POR	POR
Gehl	970 14'	POR	POR	POR	POR	POR
Gehl	970 16'	POR	POR	POR	POR	POR
Gehl	970 18'	POR	POR	POR	POR	POR
H&S	500 14'	POR	344 27	344 27	132.52	198 20
H&S	500 16'	POR	387 55	387 55	132 52	198 20
H&S	500 18'	POR	430 82	430 82	POR	POR
Heston	7314	POR	332.80	332.80	POR	POR
Heston	7316	POR	376.92	376 92	POR	POR
Heston	7322 14'	POR	334 48	334 48	POR	POR
Heston	7322 16'	POR	378.60	378 60	POR	POR
Heston	7326 14'	POR	336 16	336 16	POR	POR
Heston	7326 16'	POR	381 96	381 96	POR	POR
Int Harv	51 14'	309 79	418 82	418 82	150.51	POR
Int Harv	51 16'	348.63	473.98	473 98	150 51	POR
Int Harv	105,110,14'	255 35	342 60	342 60	POR	POR
Int Harv	105,110, 16'	285 70	385 87	385 87	POR	POR
Int Harv	120,14'	259 39	349 82	349 82	POR	POR
Int Harv	120,16'	290 22	393 94	393 94	POR	POR
Int Harv	130 15'	273 63	370 20	370 20	POR	POR
Int Harv	130 18'	327 08	446 68	446 68	POR	POR
Int Harv	61	POR	371 84	371 84	POR	POR
John Deere	110	POR	488 00	POR	133 17	POR
John Deere	112	235 37	310 91	310 91	139 23	POR
John Deere	115	286 95	383 67	383 67	139 23	POR
John Deere	122	235 37	310 91	310 91	138 40	POR
John Deere	125	286 95	383 67	383 67	138 40	169 20
John Deere	214 14'	247 21	328 29	328 29	134 30	169 20
John Deere	216 16'	306 90	413 62	413 62	134 30	197 50
John Deere	714	269 05	362 08	362 08	139 20	197 50
John Deere	716	305 89	414 57	414 57	139 20	POR
Kasten	20 14'	239 40	349 82	349 82	POR	POR
Kasten	20 16'	296 23	402 56	402 56	POR	POR
Kasten	21 14'	248 33	332 80	332 80	POR	POR
Kasten	21 16'	278 34	376 92	376 92	POR	POR
Kasten	Power Box 14'	239 40	342 95	342 95	POR	POR
Kasten	Power Box 16'	272 71	394 06	394 06	POR	POR
Kasten	KL	POR	342 60	342 60	POR	POR
Knight	14-7	231 93	311.55	311.56	137 79	196 75
Knight	17-7	283 50	365 67	365 67	137 79	196 75
Knight	20-7	328 02	449.71	449 71	137 79	196 75
Knight	Barge Box 1500-7	283 50	385 67	385 67	POR	POR
Knight	Barge Box 1800-7	328.02	422.63	422.63	POR	POR
Lamco	Rex 14'	259.39	352 71	352.71	101.70	POR
Lamco	Rex 16'	290 22	397 17	397.17	101 70	POR
Massey Ferg.	23 14'	236.29	344.40	344 40	120.39	196.12
Massey Ferg.	23 16'	267.68	389.20	389.20	120.39	196.12
Meyers	416	POR	POR	POR	132.96	POR
Meyers	418	POR	POR	POR	132.96	POR
Meyers	516	POR	POR	POR	136.40	POR
Meyers	518	POR	POR	POR	138 40	POR
Meyers	600 16'	POR	POR	POR	148.32	POR
Meyers	600 18'	POR	POR	POR	148.32	POR
Meyers	600 20'	POR	POR	POR	POR	POR
Miller	Pro 2150	POR	POR	POR	POR	POR
Miller	Pro 2175	POR	POR	POR	POR	POR
Miller	Pro 2200	POR	POR	POR	POR	POR
New Holland	3	327 22	473.94	446.04	108.54	POR
New Holland	6	374 85	544 90	514 08	108.54	POR
New Holland	8	267.67	387.35	387.35	127.71	POR
Papec	140	240.85	350.05	350.05	POR	POR
Papec	160	289.05	390.65	390.65	POR	POR

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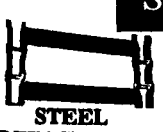
On New Holland Manure Spreader Conveyor Chains



STEEL DETACHABLE ATTACHMENT LINKS

55A1	36
55C1	43
55HB4	70
55SH	53
62A1	54
62C1	57
62HB4	1 04
62SH	88
67AS	88
67H AS	96
67XH AS	1 08
67H SH	2 10

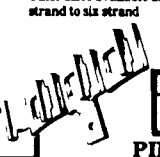
ROLLER CHAIN

Chain No.	Chain Pitch	Cottered	Riveted
35	3/8"	—	.78
40	1/2"	—	.81
50	5/8"	—	1.23
60	3/4"	2.52	1.34
80	1"	3.50	2.75
100	1¼"	5.51	5 13
120	1½"	7.65	7 22

Other sizes available 25 to 200 from single strand to six strand

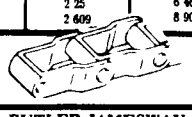
T-BAR CHAIN

T67 Plain Link	79 link
T-67 Attachment Link	1 56 link



PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT
662	1 664	3 44
667H	2 313	3 34
667J	2 25	4 84
667X	2 25	4 84
667K	2 25	6 46
88K	2 609	8 90



NEW HOLLAND BALER UPPER CHAIN

MODEL	N.H. PART NO.	PRICE
845	704545	375 60
846 & 847	634335	398 68
849	679303	509 94
850	273260	467 77
851 & 852	679768	570 60
855	786717	936 00

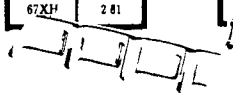
STATIONARY CONVEYOR BOX

MAKE	MODEL	PRICE
BALZER	1014	POR
BALZER	1016	POR
RICHARDTON	1014	POR
RICHARDTON	1016	POR

BUTLER JAMESWAY
BIG JIM SILO CONVEYOR
PRICE PER FT $14 00 Delivered
PART #FV2142 Price $327 72 Delivered

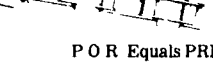
STEEL DETACHABLE CHAIN

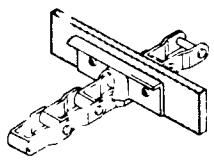
CHAIN NO	PRICE FT
25	97
32	1 00
42	1 16
45	1 09
52	1 38
55	1 16
62	1 63
62H	1 99
67H	2 20
67XH	2 81



AGRICULTURAL ROLLER CHAIN

CHAIN NO	PRICE/FT
A2040	95
C2040	1 12
A2060	1 18
C2060	136
A2060	1 84
C2060H	2 83
A550	3 78
CA550	3 78
CA555	3 78
A620	4 46
CA620	4 46





667H
SINGLE CONVEYOR CHAIN
WITH RUBBER PADDLE
$5.98/Ft. Delivered
(For BUTLER, JAMESWAY, CLAY, etc)

P O R Equals PRICE ON REQUFST

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	488 75	—
ARTS WAY	700	POR	—
ARTS WAY	750	POR	—
ARTS WAY	800	1449.50	—
ARTS WAY	850	1659 50	—
FOX	512	$397.50	$249 50
GEHL	170	—	$197 50
GEHL	280	—	$197.50
HEINKE	Mini	—	POR
HEINKE	B240	—	POR
HEINKE	H12	—	POR
HEINKE	H14	—	POR
INT. HARV.	200	1449.50	—
INT. HARV.	300	1449 50	—
JOHN DEERE	410	—	POR
KNIGHT	BA12	—	—
KNIGHT	BA14	—	—
KNIGHT	BA16	—	—
KNIGHT	LA9C	—	—
OSWALT	320	—	$149 50
NEW IDEA	604	—	$196.75
SCHULER	125BU	POR	POR
SCHULER	175BU	POR	POR
SCHULER	260BU	POR	POR
SCHULER	400BU	POR	POR
SCHWARTZ	680	—	268 50
SCHWARTZ	750	—	POR
SCHWARTZ	760	—	298 60
SCHWARTZ	780 Short	—	268 50
SCHWARTZ	780 Long	—	286 25
SCHWARTZ	860	—	298.60
SCHWARTZ	880	—	288.40
SCHWARTZ	950	—	POR
SCHWARTZ	980	—	288 40

CORN HEAD GATHERING CHAINS

MAKE	PART NO.	HEAD NO'S	PRICE
ALLIS CHALMERS	536169	2A,3E,3N,3A,3H, 4C,A630,E630, C830,C880,H330, E330,C430,C830, C435,H340,E340, C440	25 12
	561228	FL430-GL440	26 40
	573640	1973-78 Low Profile	32.30
	574793	All models 1977-79 Heads	35 84
JOHN DEERE	AN102000	343,344,343, 344,443,444, 843,568,842, 843,844,845, 842,843	31 00
	AN102000	343,344,343, 344,443,444, 843,568,842, 843,844,845 842,843	31 00
INT HARV	176-279 C91	All 800 Series Heads 823,824, 833,834,843, 844, 853,854,863,864, 873,874,883	31 00
MASSEY FERG	241-080-M1	22,321,322,33 421 422,43 63 621	29 84
OLIVER & MINN MOLINE	511142E	522,525,531,535 541,544 545,566 561 H942,H944 H953,H964	44 64
AVCO-NEW IDEA	713167R	723 724 725 726	44 20
	713168L	723 724 725 726	44 20
WHITE FARM EQ	31 1689933	702 703 704 705 706	29 86

NEW HOLLAND BALER FLOOR CHAINS

NH NO	CHAIN/ATT	PRICE
268/66	CA550/C5E	57 85
714619	CA550/C5E	53 96
710395	CA550/C5EB	80 43
718096	CA550/C5EB	66 85
845	268766	$57 85
846,847	714619	$53 96
850	710395	$80 43
851,852	718096	$66 85

CLAY RANGER MANGER CONVEYOR CHAINS

CHAIN	PART NO.	PRICE
Main Conveyor	#2-913680-0	$178 50
Cross Conveyor	#1-913677-0	$ 68.68

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Agway Receives NFBA Award

NAPERVILLE, Ill. – Agway, Inc., Syracuse, New York, was recognized for outstanding achievement in the design and construction of Pleasant Valley Farms, in the National Farms Builders Association's "1986 Building of the Year" competition, according to NFBA President James T. Knight.

Dan Goble, Pete Moyer and Bob Jaditz received this "Agricultural Building of the Year Award," for their outstanding utilization of post frame design technology in the construction of Pleasant Valley Farms. Goble, Moyer and Jaditz received this award during the National Rural Builder Show in Nashville, on February 6, 1987. The "Building of the Year" competition is sponsored each year by the National Frame Builders Association, headquarters in Naperville, Illinois.

The National Frame Builders Association is an organization representing post frame manufacturing, marketing, and/or construction companies, along with those companies supplying materials and equipment, or services, to the post frame building industry. Agway Inc., is recognized as an industry leader throughout New England.

New Fountain From Ritchie

New from Ritchie is the COMMANDER 2, a compact and economical two-drink livestock fountain. The unit is energy efficient, waters most types of livestock, is constructed of galvanized steel coated with the Ritchie CD-50 finish, and uses reliable Ritchie valves, floats and heating equipment. The COMMANDER 2 is 17" x 33" x 16" high. For more information contact: Ritchie Industries, Inc., Box 730, Conrad, Iowa 50621. Call 800-247-0025.

Case IH Names Vice President

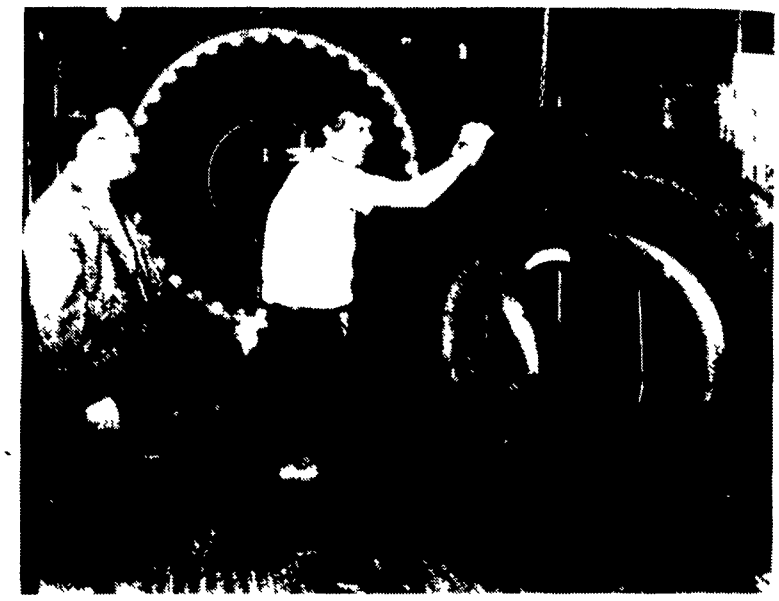
RACINE, Wisc. – Robert L. Green has been appointed vice president, sales, North America for Case IH. The announcement was made by Case IH President and CEO Jerome K. Green.

R.L. Green will be responsible for the five Case IH group sales offices in North America, as well as the North American sales managers for Steiger tractors and Poclain excavators. He will report to John S. Gleason, Case IH senior vice president, sales and marketing, North America.

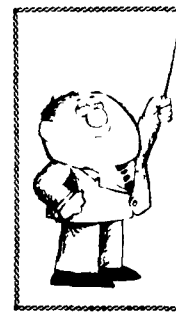
Green joined Case in 1972 as manager of the Company's store in Sturtevant, Wisconsin, and was later named regional manager for retail enterprises. He was promoted to progressively more responsible positions in retail enterprises and marketing and was serving as vice president, North American agricultural marketing when he left Case in 1984 to become president of Fiatallis. He has been president of McRand Inc., Chicago, since 1985.

Before joining Case in 1972, Green spent 12 years with the International Harvester Company working with dealers and stores in both the agricultural and construction equipment divisions.

Farm Tires Roll



Richard Hartsuck, (left) general manager of Armstrong Tire Company's Des Moines, Iowa, plant, watches as Denny Howser, cure foreman, rolls a new Special Service R-2 farm tire off the production line. Armstrong is increasing its production schedule to accommodate increasing demand for its farm tire line-up, reports Hartsuck.



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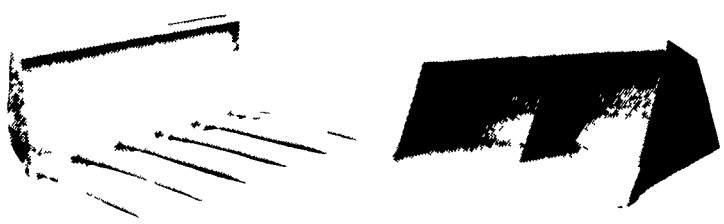

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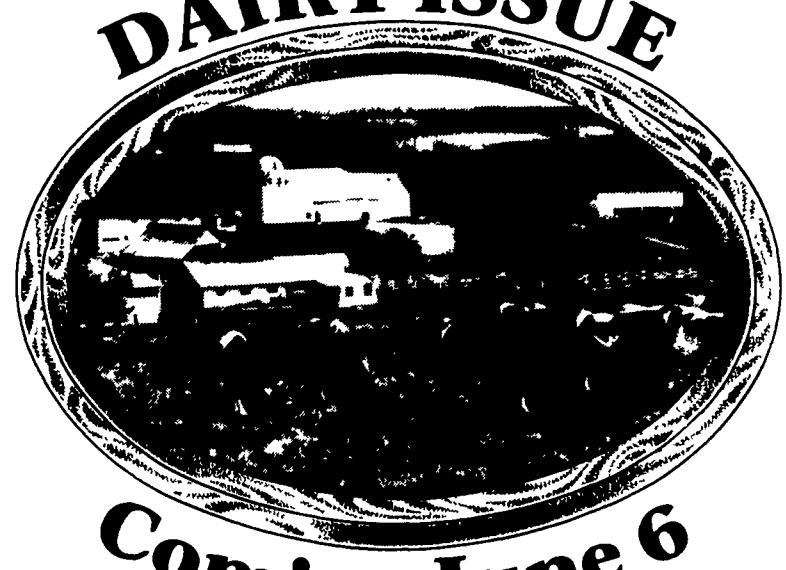
Lancaster Farming's Special Annual

DAIRY ISSUE



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Lebanon Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1987

A 5-year-old Holstein owned by Marvin K Meyer and Sons produced the top fat record during the March testing period of the Lebanon County DHIA "Jane" completed a 30-day lactation with 24,108 pounds of milk and 1,069 pounds of fat

Name	Brd	No. Cows	% Days In Milk	Milk Lbs	3 X	Fat Lbs
Gary Lentz	3	69 4	88 2	21 203	0	761
Roy H Weaver	3	54 0	89 5	21,626	0	758
Marvin K Meyer& Sons	B3	101 7	90 2	19,834	0	753
Vincent A Wagner	3	61 6	85 3	20,564	0	751
Irvin Z Brubaker	B3	52 6	86 7	20,548	0	745
Richard&Ronald Shirk	3	74 5	86 1	19,613	0	743
Raymon & Marlin Getz	3	58 6	85 1	19,481	0	742
Roy E Nolt	B3	65 5	83 2	21,614	0	742
Willow Maple Farm	3	47 1	90 0	20,205	0	742
Robert Martin	B3	54 5	90 3	19,007	0	739
David Brandt	3	73 0	89 4	21,451	0	738
Hoover Farms	3	131 4	85 0	20,132	0	735
Eugene Gingrich	B3	35 6	86 4	19,629	0	734
Arthur R Krall & Son	3	70 5	84 7	19,684	0	733
Donald G Hoffer	3	46 5	85 9	19,737	0	725
Reuben O Martin	B3	77 5	87 3	19,374	0	724
Arnold Acres	3	123 5	87 9	19,928	0	722
Kenneth I Sellers	3	66 2	86 9	18,731	0	721
M Luther Bennetch	G3	80 7	87 8	19,338	0	721
Lloyd Burkholder Jr	B3	54 3	82 6	19,540	0	721
Leon M Burkholder	B3	48 3	91 1	19,234	0	711
Willis Good&Sons	B3	61 6	87 3	20,485	0	710
Wernerway Farms	B3	137 9	89 5	20,762	0	710
James Z Brubaker	B3	54 5	88 6	20,504	0	707
Phares Z Musser	3	86 7	88 2	18,476	0	706
Kenneth Mase	B3	101 2	89 0	19,072	9	705
David Weaver	B3	40 9	89 1	19,593	0	703
Dale Hostetter & Sons	3	95 1	84 1	18,371	0	703
Jay & Carol Hershey	3	43 2	85 6	20,000	0	702
Mark C Patches	B3	107 6	86 9	18,773	0	701
Twin Maple Farm	B3	59 1	88 7	18,594	0	697
Philhaven Farm	3	101 0	89 7	19,024	0	693
Hershey Bare	3	92 9	87 2	18,383	0	691
Ferndale Farms	3	76 8	85 7	19,003	0	689
John Brubaker	B3	56 2	90 0	19,316	0	679
Walter K Heisey	B3	55 8	89 2	18,481	0	675
Melvin M Nolt	B3	56 9	83 1	17,824	0	674
Harvey T Bomgardner	3	104 8	85 9	18,864	0	673
David Eugene Reiff	3	54 4	85 5	18,903	0	673
Sonnen Springs Farm	B3	51 0	84 8	18,809	0	670
Earl&Marilyn Smith	3	75 1	88 0	18,161	0	670
Harvey E Bomgardner	B3	74 2	89 4	18,250	0	664
Louis E Martin	B3	43 6	85 6	18,363	0	662
Clyde E Deck	B3	70 2	83 9	18,394	0	662
Hollow Pride Farm	B3	41 6	88 3	17,757	0	661
J Richard Bomberger	B3	90 8	87 7	17,957	0	661
Little Hill Farm	B8	66 5	87 4	18,455	0	660
Roy M Oberholtzer	B3	37 0	85 3	19,172	0	656
Richard Batz	3	40 9	90 1	17,957	0	654
Larry G Shuey	B3	89 8	87 0	17,957	0	652
Eugene Martin	B3	95 0	87 9	18,058	0	652
DGK-Holsteins	3	46 4	84 8	17,972	0	652
Bucher Brothers	B3	39 5	84 5	18,844	0	650
Daniel B Shirk	3	34 7	88 4	18,310	0	648
Mervin W Horst	3	54 6	86 9	17,944	0	646
Kirby L Horst	3	52 5	82 3	17,449	0	642
David Himmelberger	3	38 2	86 6	17,399	0	641
Ramona Holsteins	3	76 7	84 0	18,230	0	641
Gary Mase	B3	21 9	82 9	17,972	0	641
Dennis Wampler	B3	89 9	86 5	17,427	0	640
Robert B Smith	2	78 5	84 6	13,316	0	637
Sonnen Acres	3	74 6	86 7	18,061	0	637
Marlin D Heisey	B3	54 8	81 6	17,421	0	637
Ernest P Detweiler	G3	46 3	86 7	17,918	0	633
R & E Farms	B3	116 2	86 3	17,249	0	629
Raymond K Martin	B3	51 4	85 8	18,389	0	628
Twin Gro Holsteins	B3	52 9	85 7	17,245	0	627
Daryl Balmer	B3	36 8	84 9	17,317	0	625
Allen H Leinbach	3	31 5	90 1	15,647	0	625
Mark Copenhaver	B3	81 4	88 8	18,291	0	622
Luke Brubaker	G3	52 3	86 4	16,815	0	621
David E Zimmerman	G3	47 7	86 4	18,611	0	619
Jesse L Weaver	B3	45 5	83 8	17,827	0	617
Irvin & Ella Martin	B3	71 6	83 6	17,473	0	615
Ivan Hanson	B3	32 3	84 9	16,524	0	615
Ernest Wagner	3	41 6	88 1	17,451	0	614
Galen Bollinger	B3	148 4	91 2	16,557	0	612
Aaron Weaver	B3	85 0	85 3	17,076	0	611
Darryl L Weaver	B3	41 1	86 2	17,837	0	610
Lynn W Moyer	B3	54 0	82 7	17,117	0	609
Leon H Kline	3	105 1	86 0	16,881	0	608
Clifford&Fay Berger	B3	59 8	86 2	16,873	0	606
Gerald W Martin	G3	52 2	86 2	17,669	0	605
George Ungemach	B3	83 9	8 7	17,185	0	605
Ma-Mi-Me Farms	B3	81 9	85 2	17,147	1	604
Luke Wise	B3	39 3	86 7	17,786	0	603
J Calvin Zimmerman	B3	128 5	85 2	16,067	0	603
Ezra H Martin	B3	46 8	89 5	18,143	0	601
Rufus H Martin	G3	43 9	86 2	17,189	0	600
Robert B Bollinger	B3	113 3	89 3	16,462	0	600

The following cows completed lactations during the March testing period

Robert B Smith 66	2	7-9	305	17,945	4 7	852
Kenneth I Sellers Glo	3	5-8	305	22,769	3 8	867
Willow Maple Farm Denise	3	6-0	305	25,902	3 4	882
Ferndale Farms 0 96	3	3-5	305	28,516	3 4	989
David Brandt 62	3	1 11	305	21,914	3 7	818
Marvin K Meyer & Sons Jane	3	5 7	305	24,108	4 4	1069
Dale Hostetter & Sons 114	3	4-2	305	25,044	3 5	894
102	3	3-5	305	21,121	4 2	890
Richard & Ronald Shirk Elsie	3	8-9	305	21,616	4 2	921
Lynn W Moyer 29	3	8-8	305	22,077	3 6	808
14	3	5 10	305	22,367	3 8	864
Clyde E Deck 44	3	6-4	305	25,138	4 0	1022
Reuben O Martin Elma	3	9 3	305	24,564	3 3	815
Kristy	3	4-2	305	24,106	3 3	815
Arnold Acres Apricot	3	10-0	305	17,671	4 5	812
Kim	3	5-10	305	21,632	4 0	877
Robert B Bollinger 103	3	3-5	305	25,900	3 2	843
Moses O Martin Elaine	3	3-11	305	19,615	4 1	810
Bucher Brothers Denise	3	5 1	305	24,209	3 4	834
Lloyd Burkholder Jr 50	3	7-0	305	22,555	3 8	873
James Z Brubaker 97 G	3	4-8	305	26,824	3 5	940
Irvin Z Brubaker 149	3	3-2	305	21,740	3 8	844
Eugene Gingrich 34	3	0 0	305	21,306	4 4	947
Willis Good & Sons 42	3	4-6	305	28,950	2 9	863
Ramona Holsteins Jem	3	6 10	305	21,743	3 9	862
David Weaver 59	3	6-10	305	22,556	4 0	904
Jo	3	4-9	290	23,518	4 1	972
Earl & Marilyn Smith KK 237	3	2-4	297	20,990	3 8	809
Aaron Weaver 5	3	4-8	296	21,294	3 7	801
Hoover Farms Flora	3	5-7	305	20,307	4 6	947
Twin-Gro Holsteins 361	3	5 5	305	24,330	3 6	878
Melvin M Nolt 2	3	10-8	305	19,783	4 1	823
7	3	4 8	305	19,649	4 3	847
23	3	5-3	305	19,893	4 5	908
Wernerway Farms 7 W	3	5-3	305	24,189	3 4	837
19 W	3	2-3	305	22,621	3 6	825
Raymond & Marlin Getz Emerald	3	6 1	305	22,483	3 9	899
Posie	3	6-9	305	28,957	3 5	1019

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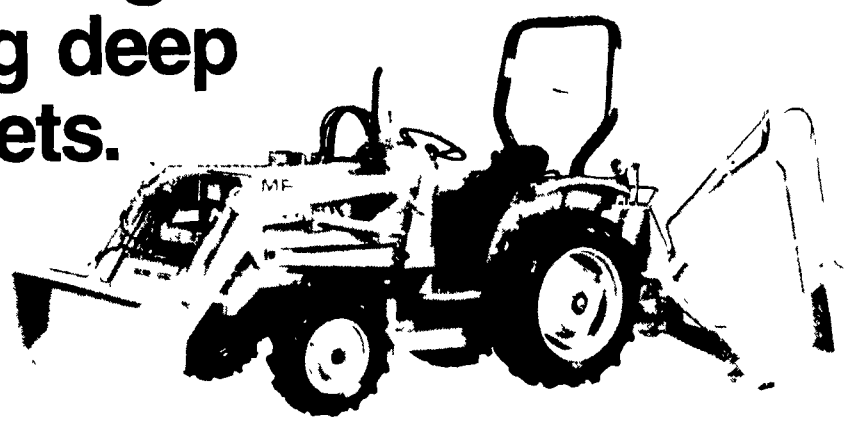

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M-F 1030	26 hp**	Diesel	2 or 4 wheel drive
M-F 1035	31 hp**	Diesel	2 or 4 wheel drive
M-F 1045	35 hp**	Diesel	2 or 4 wheel drive

**Manufacturer s rated engine horsepower (kw)

These handy units are ideal for people who need real dirt-moving power and ability, but also have a lot of other jobs to do Quick-attach mounts let you drop the backhoe and loader in seconds to go mowing, towing, tilling, snowblowing and hundreds of other jobs

ATTACHMENT	BUCKET WIDTH	
M F 1016 Loader	48 or 60	(1 22 or 1 52 meter)
M-F 232 Loader	60 or 72	(1 52 or 1 83 meter)
M-F 1017 Backhoe	10 to 37	cemetery (25 5 to 61 cm)

The backhoes have twin joystick controls, full 180-degree boom swing and self-contained hydraulics And the compact size and 6-foot transport height makes them easy to transport and get into tight, hard-to-reach areas In fact, they're an ideal complement to bigger units

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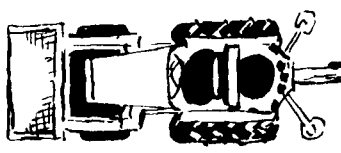


Grain Sorghum Fact Sheet

NEWARK, Del. — Farmers interested in growing grain sorghum this summer can obtain a newly revised fact sheet on sorghum production practices for Delaware. Topics covered include variety selection, site selection, planting dates, establishment practices, lime and fertilizer, seed safeners and weed control. Ask for the "sorghum production" fact sheet.

Three other Delaware extension publications containing useful information for sorghum producers are also available. These include a fact sheet, "Harvesting, Drying and Storage of Grain Sorghum," which outlines procedures for harvesting and handling the crop; a bulletin, "Grain Equilibrium Moisture Content," which contains tables for No. 2 sorghum (55-pound bushel at 14 percent moisture); and a fact sheet, "Grain Equilibrium Moisture Content," which also contains a table for sorghum.

To obtain copies of any of these publications, contact the county extension office in Newark (451-8934), Dover (697-4000) or Georgetown (856-7303).

Plant Hormones Hold Secrets To Better Crops

BELTSVILLE, Md. – Hormones that regulate plant growth are slowly yielding their secrets, U.S. Department of Agriculture researchers reported at an international symposium on growth regulation held at the Beltsville Agricultural Research Center.

The scientists said these hormones may act with surprising speed, and they now have ways to accurately measure how much of a hormone is in a plant's leaves, buds, roots and seeds – small but important discoveries.

"This kind of knowledge will lead to genetic engineering to regulate and control such things as a crop's development and harvest time," said Jerome Miksche, who coordinates biotechnology research on plants for USDA's Agricultural Research Service. "More and better crops will be available at the convenience of farmers and consumers – not just at nature's convenience," he said. "This isn't going to happen tomorrow – it could be 15 to 20 years away. Discoveries are being made rapidly, but there's a lot we have just glimmerings of."

For example, auxin, a molecule that's generally regarded as among the most important plant hormones in regulating growth and development, turns on genes that may control growth, but "no one knows exactly how this process takes place," said Athanasios Theologis, a plant molecular biologist at the agency's Plant Gene Expression Center, Albany, Calif.

What Theologis has discovered is that an auxin known as indoleacetic acid – or IAA – acts very quickly. A gene called " IAA 4/5" is activated in pea seedlings only five minutes after IAA is applied, he said.

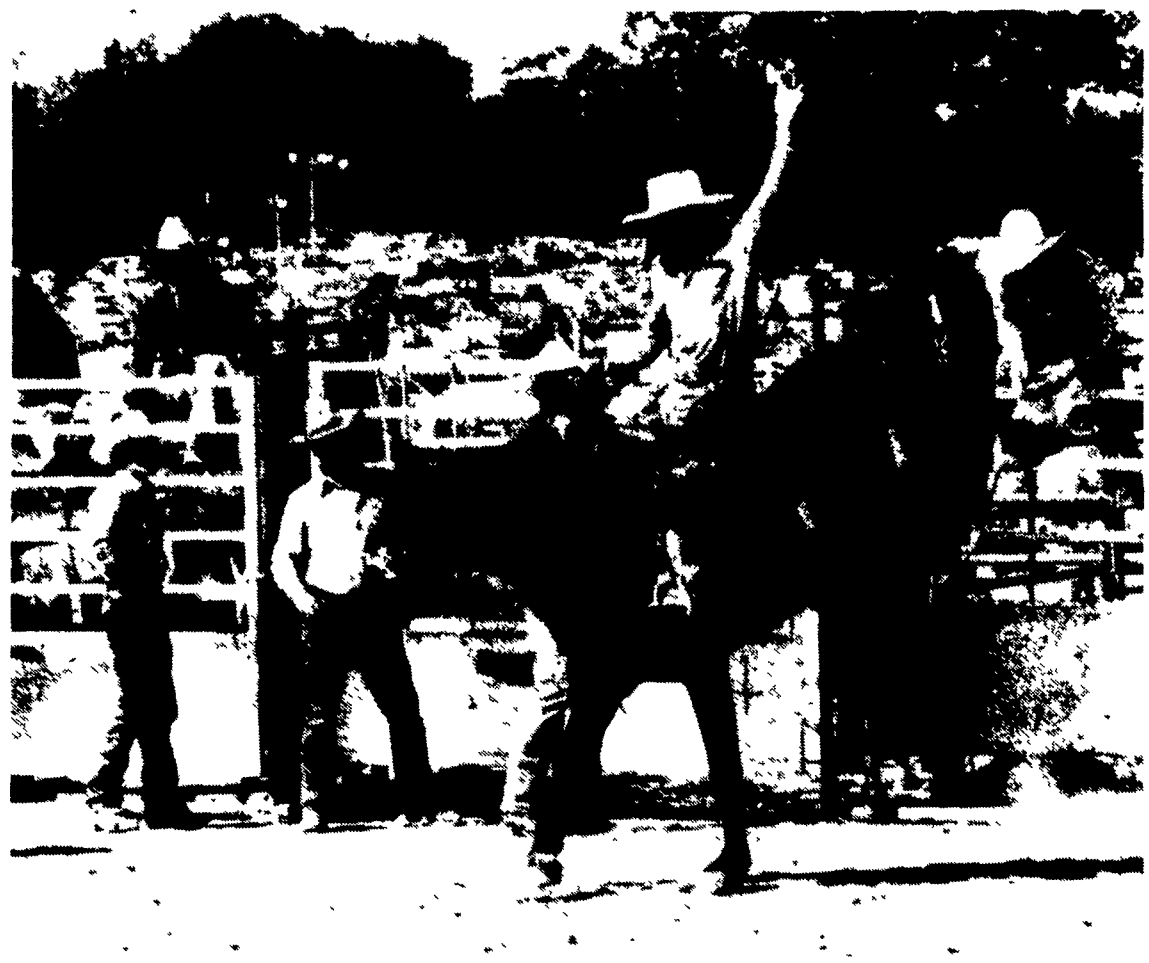
This gene activation is apparently the fastest yet reported for any plant hormone, Theologis said at the symposium. He said the speed of the reaction suggests it is one of the earliest of many that auxin controls.

Scientists have analyzed the molecular structures of numerous plant hormones and even synthesized some of them. But until now, they have only been able to roughly estimate the levels present, said ARS biochemist Jerry Cohen, of the Beltsville center's plant hormone laboratory.

"That's because plant hormones exist in such small amounts," he explained. "You could find maybe one ounce in 40 tons of plant tissue."

He said many farmers spray hormone-like chemicals to inhibit or promote growth of crops to get a desired size, shape and ripeness by harvest time, but spraying can be costly and doesn't always work. Some crops seem to sense that their development is being influenced unnaturally and adjust their hormone production accordingly.

Champion Bronc Will Buck At Buck



A champion rodeo horse named Gold Star, pictured here with Sam Swearinger aboard, will be one of the featured attractions at the World Championship Rodeo to be held at Buck Tractor Pull Stadium on Memorial Day, May 25. Gold Star was voted ARA Bareback Bronc of the Year by the American Rodeo Association. The 900-pound bay gelding is owned by rodeo stock contractor Dave Martin.

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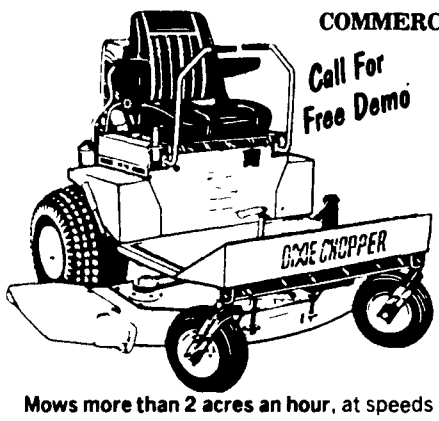

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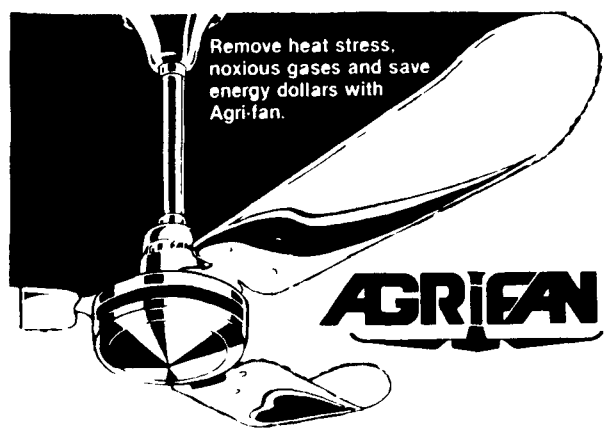

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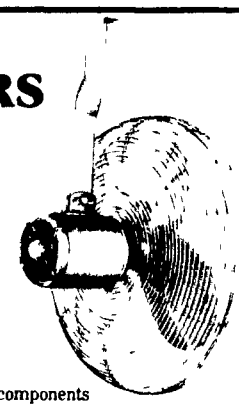

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Bollinger Honored At 'Top Of The Class' Sale

NEW HOLLAND – Kevin Bollinger was the recipient of the Top of the Class award presented at the second annual Top of the Class Sale held at the New Holland Sales Stables on Saturday, April 25.

Bollinger, a senior at Ephrata High School, purchased two lambs at the 1986 Top of the Class Sale. With the two lambs he was named champion market lamb exhibitor at three local fairs, Denver, Manheim, and Ephrata. Nine other awards were given to FFA and 4-H members who had won awards with their 1986 Top of the Class lambs.

A total of 63 lambs were offered at the 1987 Top of the Class sale. The top lamb brought $290 and the average of the top 10 lambs sold was $196. The overall sale average was $127 for the 63 lambs.

To encourage youth exhibitors, B and B Livestock of Danville, Ohio, offers premiums of twenty dollars to any lamb winning a grand championship in a local fair. A lamb named champion at a state fair received the purchase price of the lamb as a premium. B and B Livestock sponsors the Top of the Class Sale, with Christian Herr as sale manager.

Terry Kauffman (right) presented the Top of the Class award to Kevin Bollinger at the sale of the same name held on April 25. Bollinger is the son of Mr. and Mrs. Walter Bollinger, Lititz.

MILK AMERICA'S HEALTH KICK

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JD 40 with cult., excellent, front corn planter for C Farmall, roto-hoe, double row transplanter, 5' disk springharrow. Lanc. 717-684-5352.

Sun-Mastr 60" rotary mower for AC B Model, excellent condition. $200 OBO. Lanc. Co. 717-626-6165

Pequea manure spreader, new Feb. 1975, without tailgate $1950 Levi A. Lapp, 385 Spring Mill Road, Quarryville, PA 17566.

Int. 2R corn planter 55# fertz. box, hyd. lift, good condition. York Co., East Berlin area. 717-292-1650 or 2431.

Bamford dsl. 10HP, runs $950; 1 Jockey male $600. Lanc. Co. Elam B. Stoltzfoos, 61 Hess Road, Leola, PA 17540.

83 Int. truck S-1700 Series, 13,000 orig. miles w/12' Morgan refrig. box 11,500. Lanc. Co. 215-445-6551.

Commercial gas grill, 7' long, excellent. Also gas steam table 64", 4 pan, excellent. Lanc. Co 717-665-4774

Scotch Highland bull, 12 mo. old, nice confirmation $500. Bedford Co. 814-766-2766 eves.

Ford Bronco, 4WD with snow plow, good condition, good rubber, radio. Perry Co. 717-789-3422.

1977 Jeep J-20, 4WD, V8, 360 auto., PS, PB, 75,000 miles, 5 new tires $2800. Montour Co. 717-437-2290.

AKC Shetland sheepdog puppies, shots, wormed, papers, one female, 3 males. Sch. Co. 717-345-3457 or 345-3383.

K.D. hyd. feed cart, good cond. $1000; 26' motorhome, 39,400 miles, lots of extras $8,000. Hunt Co. 814-643-2489.

Breeding age bulls, two Mars Tony and one Glendell Son. Free Delivery. 717-944-3970.

7 shank Brillion disk chisel plow demonstrator $310. MF 5B automatic reset plow. Union Co. 717-524-2410.

Partner 755 chain saw, 16 & 20" blade $195; rubber drive belt 30'6" endless $20. Dauphin Co. 717-367-2071

Hesston 5400 round baler, good condition. Huntingdon Co. After 7PM, 814-667-2563.

Three 5600 gal. heavy duty Polyolefin tanks, 3M-3107 table model copier, 20 acre farmette. Dauphin Co. 717-469-2864.

JD 108 lawn tractor with bagger 30" cut, good condition. Berks. 215-285-2414.

1970 Int. dump truck, 10' bed, 450, 6 cyl., 5SP, 2SP rear, air brakes, good rubber. Will insp. $5,500. York Co. 717-456-5020.

Direct cut grass head for 717 or Super 717 NH forage harvester in like new condition. Centre Co. 814-364-1067.

75 bales rye straw, one doe kid goats. Lanc. Co. 717-872-2596.

Minature Sicilian donkey, male, 1 yr. old $200; lambs, pets, freezer or breeding. Cecil Co., MD. 301-398-6054.

AC hay crusher, very good; Cockshutt 13 disk drill on rubber; Delaval 74 milker pump; Kesco milk mover. Cecil Co. 301-658-6447.

21 Suffolk ewes and one ram. Schuylkill Co. Between 6 and 8PM, 717-345-4329.

IH 400D, gread condition, new rubber, rod and main bearings, TA, clutch, 2,800. Berks. Co. 215-693-5719.

IH 715 combine with hydrostat, grain head & 4 row corn head, IH 826 diesel tractor w/cab, AC 190XT series three, cab, Allen, 607-292-3180.

Chucker chicks 68 cents a piece per thousand, 75 cents per hundred. Lanc. Co. 717-626-4465.

Large boar hog Hampshire purebred. $275. York Co. Call late evening 717-755-1468 weekends.

One Hercules power unit with 2V pulleys $125. 717-637-8855.

Ford 4000 D, WF, dual hydraulic, high platform, on steel $2200; JD 490, 4R corn planter. Lanc. Co. After 8PM, 717-733-0630.

Three puppies, purebred, Australian sheepdog, 6 weeks old. Lanc. Co., East Earl. 215-445-6145.

Troy-Bilt 6HP with hiller, furrower, bar, tread tires, used one season $900. Lanc. Co. 717-872-8553.

NH 770 forage harvester with hay and two roll narrow corn head North'd Co. 717-538-1513 or 538-1929.

Hundreds of new veebelts! Big heavy and small, 10 cents per inch. Lanc. Co. 215-445-5898 to reserve your sizes.

JD MT tractor in good running condition with cultivators and plow $1800. Lanc Co. 215-484-2445.

21" snapper self prop. with bag $125, 32" Ride King 3 wheeler riding mower $125. Berks. 215-689-5949.

Table saw $150; Fairbanks platform scale $50; butcher scale $50; Honda 110 three wheeler $400. All items very good condition. Berks Co. 717-933-4027.

Odds and ends of roofing as low as $20 a square, as much as 50 square that matches. Berks. 717-933-8541.

Allis 13 tractor, plow, cult., 12X55 mobile home, potato digger. NW Berks. After 3PM, 717-933-5250

#27 NH blower. Berks Co. 215-286-5237.

Beacon hay preserve applicator and digital moisture tester $200; 800 gal. milk tank, flat type. No refrigeration. $300. York Co. 717-993-6808.

Good all purpose work horse $600. Levi E. Glick, 418 Furnace Road, Quarryville, PA 17566.

NH 68 PTO baler w/thrower, excellent condition; Singer HD electric sewing machine on table. Dauphin Co. 717-365-3237.

1960 Ford F350 T-Tag truck, currently used as farm truck $500. Juniata Co. 717-463-3535 after 5PM.

Tractors, two 8N Fords $2100 each; 2 Farmall Cubs w/mower $1800 each, right and left plows for Farmall A $100. Col. Co. 717-784-1779.

550 IH harvester, wide row, three heads $625; corn drag $125, good condition; Angus-Swiss cow due May 15 $825. Lanc. Co. 215-267-8110.

1980 GL Subaro station wagon, 4WD, rust proofed, 61,000 miles, good condition, 30 miles per gallon $2750 OBO. Chester Co. 215-857-3822.

10' disk harrow $125; trailer made from 1934 Ford pickup. A classic $150. York Co. 717-993-2288.

3010 JD dsl., WF, good rubber, Cub cultivators and belly mower $2200. Lanc. Co. 215-267-5444.

Heavy duty three point hitch scraper blade $75; pig holder $50; high pressure washer, 3HP, 1200 PSI $450. Lebanon Co. 717-866-5972.

Dairy barn equipment, 1200 gal. tank, vacuum pumps, compressors, conveyors, comfort stalls, fans, bins, SS pipe, bowls, silos, unloaders, plates. Lanc. 717-768-3676.

Day old and older bearded silkies; guineas. Berks Co. 215-582-2587.

1980 Ford F350, one ton truck with 12' aluminum cattle body, very nice shape. Susquehanna Co. 717-942-6257.

10' Krause transport disk $850; 42" rototiller for IH Cub or Similar tractor, new, 5' sickle mower. Mon. Co. 201-741-8109.

Lilliston no-till grain drill Model 9680 GMC dump truck, general ten ton trailer, Case 1150 crawler loader. Lebanon Co. 717-838-9497.

4630 tractor, ROPS, duals, excellent. Bernville. 215-488-1020.

Sawed tapered locust posts and round locust posts. 717-442-8972.

FREE TO GOOD HOME: AKC Shitzu female dog, 6 yrs. old. Will make nice pet. Levi K. Smoker, 225 Old Dam Road, Christiana, PA 17509. Near Georgetown.

Farmall Cut tractor with snow blade, plow, cultivators. All good condition $2800. Fulton Co. After 6PM, 717-987-3661.

AC sickle mower, belt driven. Will fit D14, 15, 17, also WD45 $250. Lanc. Co. 717-626-7665.

Good used 12x24 slate. 717-626-4191.

Lincoln welder, Hershey transplanter, EzzE-Flo fertlizer spreader, grain drill, rotary hoe, Cyclone seeder, NH elevator, pickup cap, wagon w/dump bed. 717-464-3136.

Van Dale mixer wagon w/scales, rebuild project or parts. Make case offer. Also alf. haylage. Hunt. Co. 814-259-3377 or 3256.

Int. #47 baler w/thrower, Farmall H tractor with PTO and hydraulics, pulley. Both work real well. 1976 Corvette T-roofs, Pioneer cassette AM/FM, loaded. 717-739-4636.

21' wooden cattle truck body. Lanc. Co. 717-665-4774

JD 14T baler with thrower, field ready, new pickup teeth in very good condition. Kept inside. Schuylkill Co. After 5, 717-345-8651.

Gehl 880 haybine, nice $1595; Case Model A combine $300; Hawkbuilt 157 tank spreader, new $3495. Orange Co., NY. 914-355-1057.

Iron Age 2R potato planter, Friend potato sprayer, Wetmore 385 grinder blower, used 2 years. Potter Co. 814-848-7915.

IHC 915 combine, low profile, hydro 414DT engine, 28x26 tires, fire damage, rebuildable or parts $2500. Berks Co. 215-683-8200.

NH Super 69 hayliner with wagon chute, very good condition $1200. Berks Co. 215-944-9276.

Used grain drill (Oliver 13 disc) $125, New set of knives (hardened) for Fox chopper $290, frame, rollers, PTO assembly & miscellaneous parts for Hesston haybine $350 (800 & valve), hay drier for small f rame use $200. Wagon unloading winch, $75. New Castle Co. 302-378-8454.

Flail chopper $200; self-feed wagon $400; fiberglass pickup topper $100; Boumatic milker claws $40; plywood calf hutches $50. Leb. Co. 717-273-0094.

AC 2R no-till corn planter; IH 46 baler with #10 thrower. Montour. 717-437-2185.

3400 gallon SS milk truck tank. Make offer. Must sell quickly. Fulton Co. 717-573-4199.

Ferguson 30, needs some motor work $1,000; two section lever harrow $30. York Co. 717-432-4591.

Antique kingade garden tractor, Viking garden tractor, runs, Caldwell water cooled mower, runs, mower Briggs Mod. A, runs. Leb. Co. 717-866-2654.

Choice Shropshire lambs, rams and ewes from shepherd bloodlines. Inspected for over eating disease. Leb. Co. 717-949-3653.

Platform scales, heavy duty, 2000 lbs. comp. $60; NI rake on rubber, field ready. $150. York Co. 717-235-2032.

Six Reg. Jersey, one due in May, rest due in July. Lanc. Co. 717-529-2066.

Lawn sweeper, also banties. They are laying. Large windows. Sweet potato plants. Lanc. Co. 717-529-6280.

275 NH baler with thrower, Butler unloader, 16' silo. Montour Co. 717-437-2530.

Ducklings, goslings, wild turkey, pheasant chicks. Many fancy breeds hatching soon. York Co. 717-755-1745, 8AM-10PM.

Fox Terrier puppies, 7 weeks old. Martin Fox near Reamstown, Lanc. Co. 215-267-2783.

Case 8' clodbuster, 8' cultipacker. Both $100. 400 board feet black-walnut air dried rough cut boards. Hunterdon Co., NJ. After 7PM, 201-832-7101.

Flat wagon with steel wheels. Lanc. Co. 717-354-9916.

New 4" slotted screen for Gehl 1200, 1250, 1260 choppers, used ¾", 1" screen. Bucks Co. 215-249-0877, 4-7AM, 4-6PM.

Work horse, choice of 3, broke and ready for work. John R. Allgyer, 324 S. Bonsall School Rd., Coatesville, PA 19320.

Sweet potato plants, four cents. David R. Miller, 41 West Eby Road, Leola, PA 17540.

Guernsey family cow, very tame. Lanc. Co. 717-354-7685.

5HP 36" hay drying fan & motor. $250. Wash. Co 301-582-1967.

Good tiothy hay $1.10/bale. Lanc. Co. 717-859-3374.

Rockwell single rears, C-6 auto trans ass't, large casement windows, animal cage trap, camvas 25x25, 16x24. Lehigh Co. 215-679-9496.

1975 Cordoba 360 engine, inspected, runs well, good tires. Fold away cod bed. 215-267-5841.

12x65 mobile home $300 and you remove. Lanc. Co. 215-267-3513.

Oliver 60 baler, Wisconsin engine driven, has loading chute, very similar design as John Deere 60. Deliver possible. Huntingdon Co. 814-627-5149.

Fox 3000 harvester, 2RN and 6' hay pickup, Ford 6000 commander dsl., 1971 Yahama 250 cc, Enduro trail bike. Lebanon Co. 717-867-4858.

Dion silage wagon, very good. Lanc. Co. 717-665-4774

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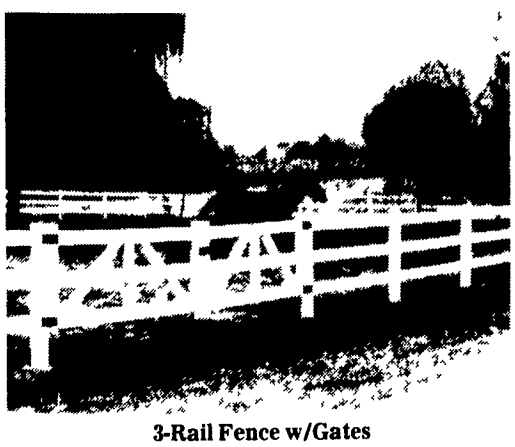

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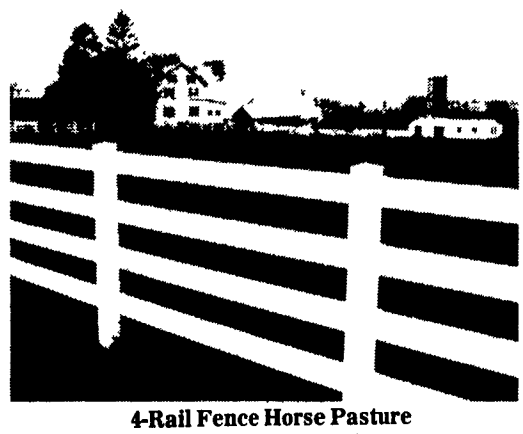

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Sunset milk tank 400 gal. $500 or best offer. Henry B. Stoltzfus, 5433 Buena Vista Rd., Gap, Pa. 17527.

Horned Dorset lambs. Excellent bloodlines, breed twice a yr. w/high percentage of twins. York Co. 717-938-3853.

Metal lathe 36" B.C. 8" 4 jaw chuck quick change gear box face plate R&L tool holders, $1000 firm. Northumberland Co. 717-425-2160.

Boxer puppies AKC reg. flashy fawn males, shots, wormed, ready mid-June. Now taking deposits. $185. Queen Anne's Co., Md. (301) 778-1919.

Case manure spreader 95 bushel, NH 404 hay crimper, NH hay loader, Fred. Co. Md. Call Eves. 301-834-7383.

Reg. Jersey heifers, all ages, priced to sell, 3 pt. rotary mower, York Co. 717-252-3794.

400 Case 3 pt., PTO vg., cond., Ford 3 pt. sickle bar PTO, many parts for 1951 Chevy pickup, after 5:00, Salem, 609-935-6651.

Angus/Hereford feeders, 9 steers, 6 heifers, Carroll Co. Md. (301) 795-2194.

Alfalfa hay, JD KBA disc, 28 disc $200, locust post 8' 2.00, Lanc. Co. 717-426-2296.

Iron age hi pressure veg. sprayer 300 gal., red gear clutch to fit VP4 Wisc. Amos E. Beiler, Rural Route 02 Box 165B, Milton, Pa. 17847-9313.

Beardless barley and/or straw in field, call after 6 p.m. Leb. Co. 717-273-2873.

Hyd. motor w/valve 25' of horses, 2 gove wagon chassis, 5 ton & 8 ton. Franklin Co. 717-597-4494.

Ford 3000 diesel hi/low trans., four new tires, spun rod bearing b/o around $1,800.00 Mon. Co. 201-946-3489.

JD 336 bale thrower power shaft wide tires, also Allis Chalmer grain drill, 13 disc all in good cond., Franklin Co. Amos H. Stoltzfus 15920 Mountain Green Rd., Spring Run, Pa. 17262-9412.

Ear corn for sale $65.00 a ton delivered. Chester Co. 215-593-6026.

704 Unisystem w/Super 767 chopper 3R corn & pickup heads. Double four parlor 625 Girton tank, Universal milking system, Jefferson Co. 814-371-6044.

Cylinder block for Ferguson TO-30, Continennal Z-129, $300.00, Howard Co., Mo. 301-489-4993.

NH Model 77 baler no motor, good for parts, make offer. Monroe Co 717-629-2570.

1968 Dodge TK trans four spd. good cond., $100.00, Leb. Co. Elam N. Zimmerman, Rural Route 07 Box 615, Lebanon, Pa. 17042-9729.

JD #45 combine field ready, good cond., two row w/corn & 10' platform. Cumberland Co. 717-245-2697 or 717-249-4788 after 8 p.m.

Soft ice cream machine, Taylor water cooled 3 ph. $1200.00, Bedford Co. 814-623-2603.

Newly constructed 10x18' bale thrower wagon, oak wood, w/metal reinforced corners on non-wearing 9 ton wagon chasis. Union Co. 717-966-1274.

Small herd of Reg. Jerseys most due in the fall to early winter, also Registered bull. Best offer, Adams Co. 717-334-7060.

NI corn picker, MZ323 $2700.00, 215-536-3958.

Log cabin, 12x18, two stories, attic, 150 yrs. old, one bad log. $2000 OBO. Washington Co. Md. 301-432-8870 leave message.

Papec grinder mixer $1100.00, alfalfa hay $2.50 a bale. Carroll Co., Westminster Md. 301-346-7317.

Farmall Cub electric start lights hyd. lift chains w/plow harrow, cultivators & field mounted mower $2500.00 OBO, Balt. Co Md. 1-301-357-4186.

800 gal. Majonnier vacuum tank, 7½ hp motor & washer, w/electric panel & fixtures, Warren Co. NJ 201-689-3332.

Outdoor rabbit cages $10 each. English saddle w/kneerolls 16½ in. $80. Appaloosa mare, good youth & trail. Drives, $1800, 717-263-0141.

300 gal. S.S. tank, Ford truck w/1500 gal. S.S. tank, milk processing equipment, slush machine- flavorings, Lanc. Co. 717-653-5155.

Bee hives 4 frame extractor, enough other equip., for 20 hives. New foundation, take all or part. Call eves. Balti. 301-667-0657.

Farmall BN tractor w/plow & cultivator, all new tires, $1250, Blair Co. 814-695-3855.

JD 2010, wide front, live hyd., PTO, $2450, Ford 8N, $1800. 3 pt. rotary spreader, $225. All in very good cond., call 717-697-0078 after 4 p.m.

1 horse spring wagon w/rubber air tires & hydraulic brakes, good cond., call 215-562-2031.

Oliver 540 4 row corn planter, & Oliver 4 row cultivator, Call Cumb. Co. 717-249-1193.

Siberian husky pups ready to go June 8th, 1987. John F. Stoltzfus, #1 Box 345-A, Peach Bottom, Pa. 17563.

42" hay dryer fan 7½ HP motor, make offer. Buck Co. 215-766-8161.

Bull calf sired by Simon. Dams records 35,432M, 1351F, Lanc. Co. 717-442-9658.

NH forage harvestor 610 Wisc. engine, NH blower model 680, WM Samu, Rte. 524, Allentown, NJ, 609-259-2468.

IH 35 chisel plow 11', good shape, JD 4430 w/cab & air, PS, IH 44 diesel tractor, Franklin Co. 717-597-4343.

Horse trailer, thoroughbred, $750.; Western saddle, adult, $85.; 16' hay wagon, pipe sides, $900. Harford Co. 301-734-7906 or 717-456-5235

AC tractor 7040, 135 h.p.; 10F Miller offset disk; 5-16 AC plow. Lehigh Co. 215-395-1806 Eves.

JD 1520 wide front end, row crop, excellent condition, $5,599.; Fiber glass fence posts, 3' & 4', .25 cents pc. Berks Co. 215-845-3707

Wood mold pouring table w/mixer & pump for pouring ceramic molds, good condition $250.00. Lanc. Co. Call 717-684-0452.

Secluded mountain cabin, 64 acres mostly wooded. Huntington Co. 2½ story home, barn, stream, tractor, equip., deer & turkey abound, 215-445-4272.

DeLaval stainless pipeline milker, 250' tapped for 72 cows, 160' untapped, 6 unit washer receiver jar & milk pump, $1500.00, 203-364-5873.

Ford 4000 w/front loader $3,500. Mott mower fits IH cub, $100. Del. Co. (215) 459-4998 after 6:30 p.m.

Pole barn, 96x30, steel sides aluminum roof, excell. cond., opposite sliding doors, must remove, as is $5000. Fleetwood, call (215) 944-8895.

21' belt conveyor, $500, 400 amp double throw box, $400, cordwood saw w/10 HP motor, $975. Concrete wall forms, $100 ea. Dauphin Co. 717-758-3252.

609 tobacco plants from the south, are ready, will deliver. John Z. Lapp, 250A Centerville Rd., Gordonville, Pa. 17529-9677, 1½ m ile north of Intercourse.

Kubota 4WD diesel, model 7100, 3 cyl., 16 h.p., 600 hr., loader, backhoe, excellent condition, $6,800. York Co. 717-382-4416

(2) Purebred Belgian Mares, (1) three, (1) four year old, (1) 17H, (1) 18H. 215-766-8787

Yearling bull, crossbred, polled Hereford w/Simmental sire, weighs 800 lbs., $625. Lanc. Co. 717-626-6194

Custom made, wooden, small animal crates, side & top doors, varnished, never used, $50. each. Lanc. Co. 717-442-4259

1965 Datsun fair lady convertible red, has hard top also. Best offer. Leb. Co. Ph. 1-717-949-6890.

1964 Ford F600 ex. engine, no rust, new 8:25 tires, New King pins. Etc. farm truck. $600.00 O.B.O. Schuylkill Co. 717-386-2018.

1978 Volvo F613 diesel w/22' flatbed, good running cond., $5,000. MF 510 diesel combine, good eng. $2000.00. Cumb. Co. 717-776-7888.

Polled hereford heifers & bull reg. or grades quality at a reasonable price. John Deere 111 riding mower, excell. 717-366-4185.

20 ton good quality orchard & timothy hay, no rain. Also 40 ton dry ear corn, $68 ton. 717-345-4489.

4 wheel metal manure spreader needs work $50.00, 2 bottom 16" trailer plows $175.00, IH one row corn picker, $200.00.

Purebred Doberman pincher puppies, three females, one male. $50.00, Paradise, Lanc. Co. 717-768-3955.

Alfalfa hay & alfalfa orchard grass mixed off my wagons, starting May 25. Berks Co. 215-488-1402 A.M.

Vac Case 1953 runs, 64 GMC 1½ ton oak flatbed, 3 yr. gelding unbroke, hyr. gelding green broke, 5 yr green broke harness, Mineral Co 304-289-3387.

Inter. Combine w/power steering, enclosed cab, 13' grain head, 2 R. corn head, excell. Blair Co 814-943-3826.

20'x60' Harvestore silo w/or w/o unloader. Chester Co. 215-269-3442.

3000 Ford w/loader, 1,100 hrs.; Big red Honda, like new, York Co. 717-225-3616.

Boggs potatoe grader for sale. Dauphin Co. Best Offer Accepted. Call 717-896-8483.

MF 270 diesel tractor (400 hrs., 1 yr. old) (Must see to appreciate). Call 215-926-1323 or (like new), 215-562-3929.

NH 67 baler $795, NH 401 crimper $295, NH 455 trailer mower, like new $1075, DeLaval 55 lb. milkers $225, Pequea tedder new, $1250. 717-354-0266.

Older model Frick sawmill will help to dismantle: need 8 or 12 roll husking bed for 325 NI picker, Clearfield Co. 814-345-5981.

PUBLIC AUCTION

TUESDAY, MAY 26, 1987
9:30 A.M.

TRUCKS - TRAILERS - TRUCK PARTS - OFFICE DESKS & SUPPLIES

WETZEL EXPRESS
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TRUCKS & TRAILERS

1986 Mack Model MH613 - 125,000 Mi., 350 Motor, 13 Speed, Air, Power Steering, 387 Rear.
1985 Mack Model R686ST - 185,000 Mi., 300 Motor, 6 Speed, Air, Power Steering, 387 Rear.
1980 Mack Model F786ST - 5800 Mi. Rebuilt Engine, 300 Motor, 5 Speed, AC, PS, 417 Rear.
1979 Mack Model F786ST - 300 Motor, 3 Speed, AC, 365 Rear.
1974 Mack Model DM685S - 13½' Stoltzfus Lime Spreader Body, 6 Speed, PS, 44,000 Lb. Rears, 237 Mack Engine.
1972 Ford F600 - 14' Van Body, Lift Gate, 4 Speed, 2 Speed Rear.
1962 Ford F600 - 12' Flat, Lift Gate, 4 Speed.
1980 Int. Scout 4X4 - AC, Power Steering, Power Windows, Automatic, Towing Package, 345 Motor.
(2) 1974 Int. Scouts - AC, Power Steering, (1) Automatic, (1) 3 Speed, (1) has Myers Snow Plow.
8X45 House Trailer.

Arrow 40' Flatbed Trailer, (2) Fruehauf 20' Van Trailers, (3) Strick Trailers - (2) 45'x13', (1) 45'x13'6", 5 Roller Van Trailers - (1) Brown, (3) Fruehauf's, (1) Gindy - 45'x13'6" (will be offered separate and package of 5).

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Lateral File Cabinets, Metal Office Desks, Index Files, Manual and Electric Typewriters, Chairs, Etc.

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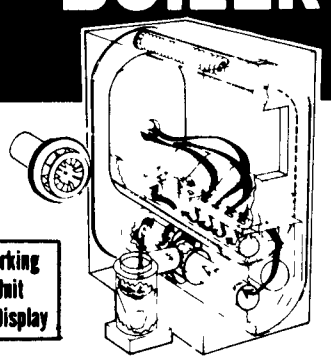

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By using dense refractory material, complete combustion occurs at temperatures exceeding 2000°F **No smoke... No creosote build-up!**

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HAY CURE

Aids in curing hay up to 30% moisture, thus saving protein rich leaves. It also aids in getting hay, which is not quite dry, in ahead of bad weather.

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MAILBOX MARKET FOR SALE

New Holland 479 Haybine, $2500; 256 Hay Rake, $900. Wanted: Case 800 or 1000 dozer or loader. Carbon Co., 717-427-4053

Lime Spreader, 15' box. Double spinners. Hauls 15 tons of lime. Mechanically driven $1,700 717-866-6273.

Irrigation pipe 6- 5- 4- 3 in. Marlow P.T.O. pump fittings, sprinklers, excell. cond. Sch. Co. 717-943-2599

440 gal. Girton milk tank 3 HP comp. $400, Myers mist air sprayer, 100 gal. 3 pt., 2000 gal. steel tank, York Co. 1-717-993-2919.

Cab for Farmall 656 A/C & heat $250, 2B Plow mounted for Super C complete, exc. cond., $175, Disc for Cub, exc. cond., $350. Chester Co. 215/942-4829.

No till coulters & heavy duty hold down springs for JD 7000 corn planter, $300 for 6 rows. 703-825-1864.

NI 299 haybine excell. cond., no reasonable offer refused. Bedford Co. 814-766-2754.

Pony, saddle bridle $75, rock picker $900, 4 beef heifers, 2 w/calves, 2 to freshen soon, $825 each. Lanc. Co. 717-426-3871.

Gas tank line, & mounting for NH baler excell. cond. Joseph K. Glick, 52 Haiti Rd., Quarryville, Pa. Lanc. Co.

Used market wagon running cond. $500.00 or best offer, Elam M. Stoltzfus, 5270 Amish Rd., Kinzers, Pa. 17535.

2 Sunbeam clippers, horse & sheep. 1 Sheep head seperate, will fit 51 clipper. 717-687-0204 eves. after 6:30.

AQHA Mare, 6 yrs. old, Buck skin, thoroughbred type, approx. 16h., experienced rider. Eves, 717-949-3246. Lebanon Co.

Finn/Dorset ewe and first lamb, 6 mos.; Cornell Bred; $195 for pair; few others available. 607-589-4578.

JD 3-bottom plow, 3 pt. $275; 3 pt. disc, 9', new blades, $375; Ford 3 pt. cultivator, $175, NH limespreader, $250. Montg. Co. (215) 754-7366.

IH #33 manure loader trip bucket w/down pressure, good shape, also 8' double roll cultipacker. Berks Co. Call (215) 944-6006.

Soybeans, good for planting. Also JD 214 lawn tractor w/46" mower, excell. cond., Berks Co. 215-683-3748.

Uni-system 705 diesel power unit, 767 Super chopper, 768 W-N, 3-row corn head, 710 combine, 711 grain head, Cumberland Co. 717-249-8403.

10 hose Ontario grain drill, Case 3 pt. hitch, 2 row corn planter, 8' diesel. Monroe Co. 717-992-2854.

Ford F100 1968 pick-up inspected, good tires, runs good. Ask $525. York Co. 717-432-5661 after 8 p.m.

OMC Mustang 330 hydrostat, Deutz engine, $2,995, good cond Veal mixer, 75 gal 717-354-0018.

Two row Hershey transplanter, $175; NI hay conditioner, $100; JD 2 row potato digger, $450; 400 gal. Hardi sprayer, $200. 717-587-3193.

For Sale 100 bale, good alfalfa hay $1.50 a bale. Gideon Beiler, 115 Horseshoe Rd., Leola 17540.

Type 41 tobacco plants unadilla silo doors, Ephraim B. Stoltzfus, Highpoint Rd. RD #1 Cochranville 19330, Chester Co.

Wisc. THD baler engine w/mount, 180 amp., Miller portable welder both good cond. Beiler 934 Stively Rd., Strasburg, Pa. 17579.

4 row potatoe planter, 3 pth. cultivator, AC 4 row corn head spike harrow, Midwest braker bar 18' grading picking table. 609-448-0748. Call after 8 p.m.

Diamond Reo 20' stake bed truck, 318 Detroit diesel, 13 speed trans., air, seat and shocks, $3,800. 717-369-4941.

New breaking cart on steel, $525; also 5 yr. old saddlebred gelding, mans horse. Chester Co. 215-273-9665 or 215-273-9358.

Roto hoe, 8 HP rototiller, used very little, $400/best offer. Lanc. Co. 215-445-6977.

Almost new, natural finished horse cart w/lights, steel wheels, $400/OBO; loader to fit JD 950 tractor. Lanc. Co. 215-267-3045.

NH 273 baler w/thrower, $2,550; Int. 990 haybine, $1,500; old table type silage cutter, $350. Perry Co. 717-567-9716.

5-14" chrome slot Chev. wheels, 3" center hole, 5 lug, good cond., $75. Perry Co. 717-789-3773.

Baby racoons w/permit, $45 each. Also Wanted: Cornish bantam roosters. York Co. 717-637-8906

JD 35 forage harvester, 2 row corn head, pickup head, good cond. Burlington Co. 609-267-9433 after 7pm.

Two row, 3 horse cultivators, new w/5 tine shanks, $650. Made by John Y. Esh, R3, Box 223, Mechanicsville, MD 20659.

Int. C tractor w/mounted plows, cultivator corn planter. Planter needs work. All in fair cond., $1,200. Adams, 717-334-5991.

AG TEC 3 pt. sprayer for vegetables w/rotating head and 190 MPH air stream. Used 2 seasons, $4,500. Lanc. Co. 717-665-4736.

Superior lawn garden sprayer, ideal for trees, shrubs, vegetables, mounted or wheel type models, $198. Lanc. Co. 717-569-3359

JD 246 3PH corn planter, good condition, $300. OBO. Model A wagon gear on rubber, $25. York Co. 717-741-3974

Out standing mother cow beef farm, in mid south, 470 acres, 2 miles of river, good grass. 501-299-4657

Sears 3 gal. electric butter churn, $65.; 2 gal. pasteurizer churn, $75. Both like new. Union Co. 717-966-1145

Tobacco shed 32'x75', A1 shape. David L. Stoltzfus, 135 Churchtown Rd., Narvon, Pa. 17555.

6 h.p. Troy bilt rototiller, excellent condition; 2 brooder houses, (1) 8'x18', (1) 9'x14'; Turkey pen 10'x48'. Berks Co. 215-562-3702

2R corn planter, mounts on AC model B tractor, complete, in good working order. Bucks Co., Pa. 215-257-4771

Ford 3 btm. 3 pt. plow, model #101, $350.; 20 22' 3"x12" creosoted planks, $15. each. Lebanon Co. 717-469-2413

(4) Y.O. Quarterhorse mare; (2) Y.O. Quarterhorse gelding; AC W-C tractor; Massey Harris 20 tractor. Chester Co. 215-384-7784

Eze-flow spin fertilizer spreader w/unloading auger, $400. Bearcat grinder mixer, good shape, $2,000. York Co. 717-252-1879

12.1 Bay driving pony, quiet, good looking & street smart; Home wanted for Angora goat family & older doe. 215-495-5595

Pair 18.4x34 6 ply rubber tires, pair wheel weights for 930 Case, good cond. Henry L. Beiler, 534 Liberty Lane, Kirkwood, PA 17536.

AUCTION

SATURDAY, MAY 30TH AT 9 A.M.

Rain Date- Mon. June 1st

LOCATION: AT McBURNIE FARMS, RIVERHEAD, LONG ISLAND, NEW YORK

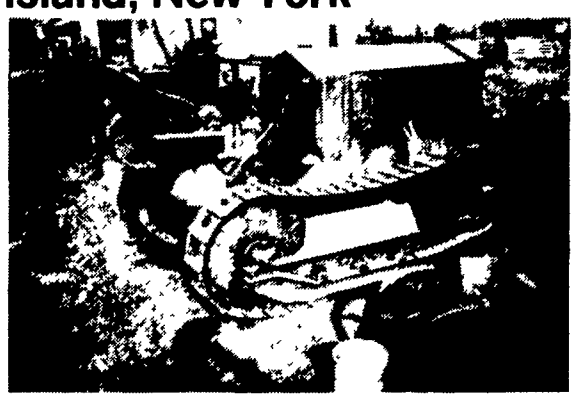
Directions: 1 Block North of Central Suffolk Hospital- Rt. On Middle Rd., ½ Mi. On Right.

Partial List Of Auction Items

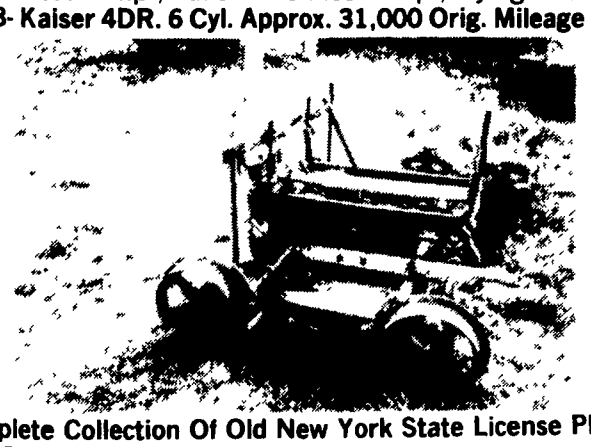
14 Tractors, Oliver 770, Ford 801 w/step down and bucket loader, J.D. 730, Farmall M, Farmall B, 8N Ford, 2 Ferguson 30, Farmall Cub, J.D. 440 w/frt. end loader, 1985 Ford CL35 skid steer loader, 1985 Ford Co45 skid steer loader w/backhoe, Ferguson 35, International 24/24, **5 Storage Trailers** 38' and 40', 20 Refrig. body; **(2) Clark Fork Lifts** (Propane), 6, 9 and 12 ton tagalong trailers, 1972, 1976 Spray **Trucks,** 2 BT Rollover Plow, (2) 10' fertilizer spreaders, (2) 2 Bt. clodbusters, 10' Oliver Hydr. disc, **1970 4 wh. dr. Jeep w/plow,** 3 pt. 2 rw. cultivator, 3 pt. fertilizer spinner, 3 pt. 6' disc, approx. 100 lengths 4"x40' irrig. pipe, **(4) Alum. Load Dock Plates,** Asst. Submergible pumps, 1965 **Ford F600 Dump Truck, (1) 1964 and (1) 1967 GMC Bulk Body Trucks w/bulk body,** 3 pt. scraper blade, (2) 3 pt. Rotary mowers, (1) 5 ft. and (1) 6 ft., **Miller Comm. Welder 4 cyl. like new, 1968 Lincoln Continental** excellent cond., 3 pt. 5' Rototiller, Honda 3 wheel trike, asst. riding and rotary mowers, **REX Rototiller 8' Cut-** excel. cond., **471 Diesel, DT 6 Dozer Int. Diesel-** Excel. cond. 3 pt. Bedmaker, 9' Packer, 3 pt. post hole digger, 3 pt. leveling box, Ford 7' hammer knife mower, hit & miss engines, Rigid Model 300 pipe threader, snowplow blades, 4 wh. h. duty field trailer, **Nursery Stock-** Asst. 52 shrubs, **1974 Pen Yan 22' Fiberglass boat w/225 h.p. eng.-excel. cond.—552 hrs.,** 8' fiberglass dinghy-like new, over and under shotgun, asst. power plants- (1) V-4 Wisconsin, (1) 6 cyl. Ford- (1) 4 cyl. continental, **(1) 1984 Cushman elec. start golf cart, road sweeper model 544 Wayne, Antique bob sled,** asst. power/hand tools; 3 pt. Fumingator; **(2) Mack Garbage Trucks-** 1973 DM 600 Maxadine- 5 sp., 1971 Mack 673 RD 10 Sp. Both w/44 Rears 154 CH- 25 Yd. Leach Bodies, 10,000 LB. Wench & many more items to be added to sale.

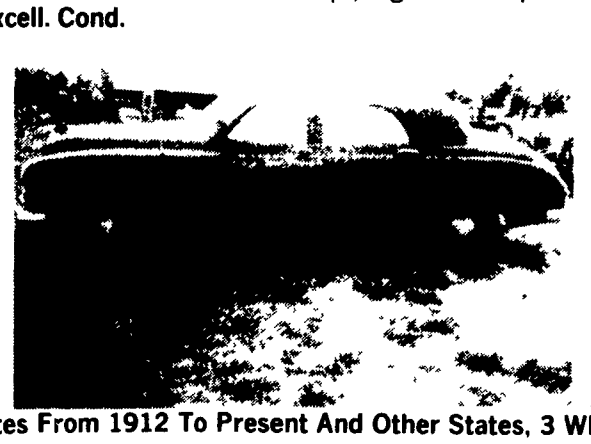
Following Items To Be Sold At Absolute Auction For Estate Of Russell Tuthill

Of Mattituck, Long Island, New York



CLETRAC Model w/Serial #10110- Excell. cond., approx. 1919-1925, **(2) Railroad Work (Speed) Cars-** (1) w/Cab-Type 119-Mfg. Date- 5-12-28 Buda Hit & Miss Eng., (1) PA. Model 96-428 w/Fairmont Hit & Miss Eng. Used On L.I. Railroad, **Approx. 17 Hit & Miss Engines-** (5) Fairbanks Morse- 1½ to 3 hp., White 3 hp. Ottawa 1½ hp. Maynard 2 hp New Way 2-2½ hp, (2) Cushmans- (1) Cub 2 hp., (1) 4 hp., (1) International Hercules Drag Saw 1½ FW, United ¾ hp., Fuller & Johnson 3 hp., Flying Dutchman—Molene Plow Co. 1½ hp., Ingeco 1½ hp. **Antique 1948- Kaiser 4DR. 6 Cyl. Approx. 31,000 Orig. Mileage Excell. Cond.**





Complete Collection Of Old New York State License Plates From 1912 To Present And Other States, 3 Wheel N.Y. City Peddlers Cart.

TERMS: CASH **Parking Available On Auction Site**

FOR MORE INFORMATION CONTACT
JIM McBURNIE Auctioneer
(516) 727-0542 (516) 727-2546

GUN AUCTION

MAY 20th, 1987

6 P.M. Ridge Fire Co. Rt. 23
Spring City, Pa.

ENGRAVED HANDGUNS- COLTS- LONG GUNS- ONE MAN'S COLLECTION

Engraved handguns include: Walther PPK/S 32 cal. Nickel, Factory Engraved, N.I.B.; Colt 25 Auto, Blue, Engraved, O.B.; Bauer 1976 Cent. Factory Engraved, N.I.B.; Colt 38 Auto, 1902, Engraved; Lama, Gold Delx., Engraved; Colt 45 Auto, Engraved, Ivory Grips; Colt Sheriff, ENGRAVED WITH GOLD INLAYS; Colt SAA 7½" Nickel, Engraved by "Burt"; Colt New Pocket, Engraved, Pearl Grips; Colt 357 Mag., 4¾", Engraved, Blue; Colt Phython 6", Blue, Factory "C" Engraved; Astra Factory Engraved, 25 Auto; PR. Colts 7½" 45 cal., "B" Engraved, Cons. #'s; PR. Colts 5½" 38 cal., Blue, Engraved by F. Marktl, Cons. #'s.

Other Colts:

Colt Ace, Colt Sheriff, Colt 22 Der. (Pr), Colt Jr., Colt Cobra, Colt .380 Aut Colt D.A. 38 Officer's Flat-Top Target, Colt New Service .455, Colt 25 Auto-Nickel Colt Official Police 38, and dozens more.

Long Guns:

Colt Heritage, 30 cal. Carbine "Postal Meter", Winchester 71 Delx. .348, H&R Model 1873 45-70 Ser #555, Anschutz Model 1433 22 Hornet, Colt 12 ga. Pump, Remington Fieldmaster 572 Blue Alum. 22 Pump, Winchester 1892 SRC, US 30 cal Carbine (Inlander), Colt "Colteer", Ithaca Model 37 12 ga., Ithaca Ultra Featherweigh Browning "Diana" Grade Trap, A.H. Fox Single Trap, Browning B-20 Ducks Unlimited (The Plains), Browning O/U 12 ga. (Belgium), Winchester M-70 Super Grade, Winchester M-50, Baker Elite Single Trap-Engraved, and More.

We will have over 100 Firearms, and many lots of ammo, swords, knives, military accessories to add to the evening fun.

IF YOU LIKE THE HARD TO FIND FIREARM, THIS IS THE SALE FOR YOU!

DOORS OPEN AT 4 P.M. FOR INSPECTION, LISTS AT THE AUCTION

Terms: CASH

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Pottstown, Pa. 19464
(215)-323-0333

All FFI Laws Apply
Lic. #AU-1902-L

Barry Hurchalla
Auctioneer

MAILBOX MARKET FOR SALE

JD 8' rear blade $500, Ford fertilizer side dresser attach. very good cond., $350. York Co 717-757-2960.

NH #68 baler, $350 Schuylkill Co. Area code 717-644-2079 No Sunday calls.

Registered Bay Thoroughbred mare, 12 years, 16H, clean legs, sound, excellent manners & conformation, lovely mover, Asking $1,200. Susquehanna. 717-756-2968

3 Boumatic milkers, lids & hoses, 4 pulsators, control box & inverter. Ezra Beiler, 305 Pennsy Rd., New Providence, Pa. 17560.

Hereford/Angus bull, 3 yrs., $800. or Best Offer.; 4 yr. old Dorset Ram, Trade or Make Offer. Schuylkill Co. 717-386-2833

1975 Ford pickup 4x4, auto. w/snow plow, $1,100. Will sell separate. York Co. 717-637-4887 or 637-0206

1979 gooseneck stock trailer, 6' wide, 10,000 GVW, $2,700. OBO. Also flashy 1986 AQHA colt, 4 stockings blaze, flaxen mane & tail. York Co. 717-259-7721

4-13 rims, $4.00 each; 3-13 wire wheel covers, $15. each. Lanc. Co. 215-445-6838

AC 8' disk, new disks on front; Corn silage, 10% protein. Lanc. Co. 717-548-2862

IH #295 planters, grain, lime, fertilizer drills. Cultivators, plows, sickle bars, sidedressers for Cub, Super A, A-V Tree sprayer. Scales. Cord wood saw Salem Co. 609-358-8625

3 yr. old Gelding "Tennessee Walker", English saddle, all for $1,500 Also 1972 Ford LTD auto., $100. Northumberland Co 717-758-1542

Cub Loboy w/belly 3 blade mower, rebuilt, $1.500 Make Offer Camden Co 609-662-8134

Woven fence, 33", never used, 4 rolls, $200, McCormick 2R corn planter, Ontario 13 disc & 10 hoe drills, $100. each York Co. 717-993-2987

JD H w/hyds, 4 new tires, engine rusted fast not seized w/snow plow, $350 Berks Co. 215-323-0596

25 Brown laying chickens, laying 95% Daniel F Stoltzfus, Box 567, Eby-Chiques Rd., R.D #3, Mount Joy, PA 17522

Round baler, JD 530, good cond., field ready, includes bale monitor, converging wheels, can deliver, Lanc. Co 717-626-5469.

Ford haybaler- 530 w/or w/o thrower $800.00, Ford 501 cutter bar mower 7' cut $500.00, firm. Call 865-4430.

Euclid (Terex) L-20 articulating rubber tire loader G.M. diesel, good cond., $9,000 or best offer. 717-254-6302 after 6 p.m.

1985 Honda 200X 3 wheeler, very good condition, brand new tires & brakes, $1,200 Berks, Bethel, Pa. 717-933-4831

650 gal. Esko bulk milk tank, excellent condition, $600 Fulton Co., Pa near Hancock, MD 717-294 3305

NI 290 haybine, $650., Case 4B semi mount plow, 16", $450. Col. Co. 717-799-5202 after 3 p.m.

Gang mowers, 6' cut 3 gang, $50. or Best Offer Morgantown, Chester Co. 215-286-9324

NH #450 pitmanless, 7' sickle bar mower, 3 pt. extra knife, very good shape, $950. Berks Co. 215-488-1476

Several 10 gal milk cans in good cond., $20 each or best offer. 814-487-5398.

315 NH twine baler excell cond., Burlington Co., N J 609-267-3588.

Automatic mist concentrate sprayers, 717-656-8995.

JD 25 combine PTO, good cond., barn kept $400 York Co. 717-927-6131

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PUBLIC SALE
Of Antiques, China, Glassware, Household Goods, Machinist Tools
Ephrata
WEDNESDAY, MAY 20, 1987
At 4:30 P.M.
Located at 206 W. Franklin St., Ephrata, Lanc. Co., Pa.

Half Spindle Settee

Blanket Chest; Gate Leg Table; Piano Stool; Sewing Machine (Oak cabinet); Child's Chair; Pedestal Table; Pictures & Frames; Maytag Wringer Washer; Kerosene Light.

China & Glassware

Noritake China — "Tree with House by Lake", 12 - 10" Plates; 12 - 8" Plates; 12 Cake Plates; 12 Cups & Saucers; 13 Desserts; 2 Platters; 5 pr. Salt & Pepper Shakers; Gravy Boat; Large Cream; Lg. Sugar Shaker; Candy Dish; Toothpick Holder; Mayonnaise Basket; Divided Bowl; Cream & Sugar; 4 Serving Bowls; 2 Covered Tureens; 12 Demitasse Cups; Relish Dish; Small Tray.

Adams Plates, "Daisy" Spatter Plates; "Caledona" Plates; "Albert Star" 7 pc. Blue & White Toilet Set; Lustre Creamers; Mocha Type Creamer; Pink Lustre; Historical Blue Opalescent; Pink Depression Water Set; Vaseline; Amber Cake Stand; Ruby Souvenir; Carnival Type Compote.

PRESSED & PATTERNED GLASS - Glass Baskets; Lead Crystal; "McCoy"; 1909 Marks - Moyer Terre Hill Plates; Bisque Figurines; Stein; Bennington; Demijohn; Crocks; Jugs; Coal Bucket; Balance Scales; Rotisserie Oven.

George Washington AX; Scrap Books; Postcard Album; Old Christmas Decorations; "Butzer" Advertising Mirror; Antique Accordion; "Hubley" Iron Cat; Iron Bull Dog; LINENS — Wool Spread; Quilts; Comforters; Lap Robes; Feather Stitched Pillows.

Simplicity Tractor; Buck Saw; Chains; Studebaker Books & Service Bulletins; Books; Snap on Socket Set; Depth Gauges; Inside and Outsidke Micrometers; Machinist Tools; Tool box.

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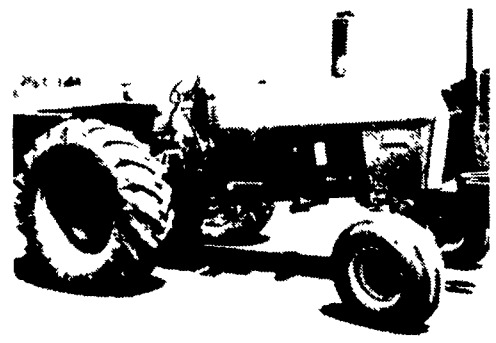
Auctioneers:
T. Glenn Horst, AU000438L
Tel. 717-859-1331 or 717-738-1245
Timothy G. Horst, AU001767L
Thomas A. Horst, AA001690L

FARM AUCTION
10:00 A.M.
SATURDAY, MAY 23, 1987
RIDGE ROAD (8 MI. W. OF ROMNEY, W.V.)



Directions:
From Romney, travel 8 mi. W. on Rt. 50. Turn left on Ridge Rd. Travel .8 mi. and turn Rt. onto the farm. From Cumberland take Rt. 28 to Romney. If coming from Winchester, Va.; travel Rt. 50 W. to Romney.

Having sold my farm, I will offer the following items for sale at public auction:

2-70 White tractor 73 h.p., 1100 hrs. (excellent cond.); M. Moline Jet Star 3 51 h.p. w/loader (gas-good cond.); White 4 row Air Planter w/monitor and acreage counter (excellent cond.).

Brillion 10 ft. roller harrow; Pittsburgh 10 ft. disc (on wheels); N.H. 7 ft. Haybine Mod. 477; N.H. 276 Hayliner baler; Fox 2 row chopper w/elec. sharpener; Int. 13 disc grain drill; 3 bottom plow (3 pt. hitch) 16 in.; 24 ft. N.H. Elevator; N.I. fertilizer spreader- 1000# cap. (3 pt. hitch & dual spinner); Hay cross conveyor; 8 ft. truck racks (metal); Int. hay rake; N.I. manure spreader- 165 bu. (fair); J.D. hay wagon 16 ft.; Kasten silage wagon; Cattle feeder built on long trailer frame; 8 ft. Myers snow plow; 6 ft. "Brush Hog" 3 pt. hitch; 2 sets of tractor chains; 2 wheel farm trailer; 450 gal. fertilizer tank for pickup; 5 h.p. Rototiller.

Misc. Items: ONLY A FEW! Such as forks and fencing tools and a few household items.

Not Responsible of Accidents
TERMS-Cash or Check w/I.D.

Seller:
PAUL P. KNOTT
304-289-3689

Rudolph Auction Ser.
1-304-874-3897

Auctioneers Note: This sale presents very fine equipment that has been well maintained and is field ready. (No junk). Be on time, there are very few small items to sell.

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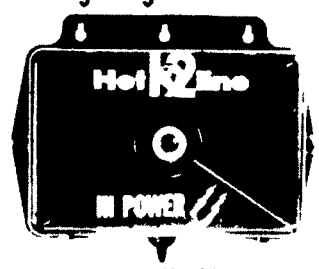

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MAILBOX MARKET
FOR SALE

JD 1217 mower conditioner; JD 660 delivery rake, 3W; AC 80, 3 bottom plow w/trip; NH 269 baler w/thrower. Lycoming Co 717-769-6307.

30 roof trusses, 2"x4" construction, 31'4" span, 4"-12" pitch, $35/pc. Lehigh Co. 215-285-6951 after 6pm.

Hay & corn elevator, needs motor, $65. Adams Co. 717-334-2071 Evenings.

Blue Heelers, Registered puppies from working dogs. Jefferson. 304-725-8149 after 5:30.

10'x40' concrete stave Terrie Hill Silo, good. condition, only used about 4 yrs., $200. Northern Leb. Co. 717-469-0886

JD track loader 450, $12,500. 450-B, $18,000. Bucks Co. 215-536-6800 or 215-536-4747

Luc JD power unit, new rods, cracked head, $100. York Co. 717-225-5271

Trailer, 12x54, make nice office or hunting camp, 3 rooms, bath, full kitchen, total electric. Juniata Co. 717-527-2454

Like new draft team, heavy work harness. Includes hame housings. Collars not included. Nice enough for show, $600. Berks Co. 215-488-6997.

NH 1495 haybine, JD 494A corn planter, 69 GMC grain truck. Berks Co. 215-562-4065.

JD 494-A corn planter w/4 new Gandy insecticide boxes, 18.4x34 Firestone tractor tires. Queen Annes Co., Chestertown, MD, 301-778-3386.

Storage trailer on wheels, 6'W 6'H 8'6"L Pintel hitch, $150/OBO. Write for picture, J. Riss, Easle Road, Newtown, PA 18940. 215-968-2649.

Dairy goats, purebred Alpines, classified, DHIR, 10 yrs. experience, $50-$100. Frederick Co., MD, Carson, 301-898-9455.

Six week old crossed beagle basset pups; peafowl; Barbados ram lambs; Silkie chicks; baby geese; baby skunks and ferrets. Lanc. Co. 717-733-2425.

36'x72' tobacco shed, good cond. Best offer. Lanc. Co 717-665-3109.

Standardbred buggy horse, 7 yr. old, traffic safe, sound, willing traveler, $650. Berks Co. 215-683-7921.

Hanging type wire rabbit cages w/feeders. Price, $12.00/hole. Lanc. Co. 717-665-7212 after 6pm.

Alfalfa hay in field, $20/acre, you make. 3 pt. Ford cultivator w/shields, nice oats, hay and straw. Lebanon Co. 717-838-4508.

4 HP NH engine w/truck, other engines; clean dry walnut lumber, $1.50/ft. Raymond Landis, R1, Box 3977, Newville, PA 17241.

1970 Ford dump and bulk tank, works good, rebuilt engine, 33,000 GVW, best reasonable offer. Columbia Co. 717-784-7797.

Int. 4 row corn planter, Int. 4 row cultivator, Int. harvester w/corn and grass heads. Bucks Co. 215-795-2177.

Int. 2-14 trailer plow on rubber, JD 10' rotoflow lime and fertilizer spreader in working cond. Bucks Co. 215-249-9136.

15 antique trucks and cars at public auction June 6, Lansdale, PA. Adv. this paper May 23-30. Request brochure. 215-584-9022 eves.

Registered Polypay ewe lambs, $125/head. Cambria Co. 814-344-8659.

1952 cyclone B JD, good cond., $1,000. York Co. 717-244-9369.

Very good barn cleaner w/new Berg chain to fit your barn bargain, good 3500W generator, $295. Lanc. Co. 215-445-5309.

11 HP 4 cycle engine, Dixon 426 ZTR mower, 42" cut, exc. cond., $1,400/best offer. Lanc. Co. 717-664-3798.

Int. 2 row DD mounted corn planter for H or M, complete. Schuylkill Co. 717-366-0635.

JD 38 chopper, 2 heads, $2,900; Gehl 350 bu. manure spreader, $3,200; JD 16A flail chopper, $600. Bucks Co. 215-346-7685.

Ten Yorkshire boars, $225. Lanc. Co. John E. Stoltzfus, 335 Millwood Rd., Gap, PA 17527.

Scout PU 4x4, $1,600; mini truck camper, like new, $1,500; utility trailer 12x5½', electric brakes, $1,000. Bucks Co. 215-757-2140.

Rubber belt, 68' long, 8" wide, 1 splice, good cond., $40. Berks Co. 215-987-6444.

AC 200 baler, $425, JD 7' var. pitch disc, $255; round locust posts, $1.75 each; 2"x2"x5' locust stakes, 60 cents each. Dauphin Co. 717-692-2238.

Large bank barn, hand cut beams, some wide siding boards. Lanc. Co. 717-653-1728.

JD 50 steel or rubber 717 NH harvester, JD B 966. H.H. Nolt, R3, Box 203, Mifflinburg, PA 17844.

22' alum. livestock trailer, roll-up door and center walk thru door. Also 3 pt. manure loader. Perry Co. 717-789-3003.

1974 F-350 11,000 GVW, 12' stake body, good tires, $1,500; 1976 Mercury Bobcat station wagon, not running, $300. Perry Co. 717-589-3941.

JD 3010 diesel wide front, fenders, $4,000. Centre Co. 814-355-3892 after 6pm.

Pair 3 year old grey Percheron geldings. Standing 17.2 hands, Double G, well broke. 814-466-7034.

IH 3 bottom fast hitch plow, decent cond., $200 Chester Co. 215-696-0749.

Attic floor boards and 2 fireplace mantels from 100 yr. old house. Carroll Co., MD, 301-848-5587.

Registered Haflinger horses, team of mares, stallion and very flashy grade gelding. Work, show, pleasure. Champion bloodlines. 814-445-6358.

Four wheels, 8 holes, 17" tires, good tread, flatbed 7x10. All metal. Franklin Co. 717-532-7843.

Lancaster Farming

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PUBLIC AUCTION

ANTIQUES & MANY OLD ITEMS- 2 LARGE BELLS- HOUSEHOLD- TOOLS- TRACTOR

The undersigned, due to passing of father SAM W. MUSSELMAN - will sell at public auction, located taking Route 116 - 8 miles West of Gettysburg, PA to Fairfield or take Route 116 - 4 miles East from Route 16 at Zora, PA - to Bolder Street in Fairfield - (adj. to Fairfield Fire Co.) at Old Mill - on

SATURDAY, MAY 23-
9:00 A.M.

Two fine bells - 1 large brass ship bell signed C. Schneider, Washington DC - 1891, with yoke - other large cast schoolhouse or church bell marked Fredricktown, Ohio; VN large blacksmith anvil; old oak hall rack w/bevel glass; old kitchen cupboards; old Miller floor juke box.

Old softwood jelly cupboard; oak clothes tree; oak 5 drawer chest of drawers; 2 oak case treadle sewing machines; old oak rockers; 3 pc. mahogany parlor suite; Victorian side chairs; camel & flat top trunks; lot oak & other stands; 2 cedar blanket chests; Brunswick mahogany floor Victrola; large oak flat top desk; lot old counter or table scales w/brass; boot-jack and other plank bottom chairs; like new upholstered swivel rocker; LN 7 pc. chrome dinette; 5 pc. wood dinette; old antique chairs; oak dresser w/bevel glass mirror; oak washstand; old dovetailed chest of drawers; old chests; 2 old dovetailed blanket chests; walnut bed; hickory-back chairs; mahogany 4 drawer Empire chest; childs chairs; lot misc. furniture pieces; Magnavox console stereo; Wurlitzer double keyboard organ; electric exerciser; trash compactor.

Lot small items and glassware which include: John Bell - Waynesboro, redware crock, tinware, castware, woodware, lot crocks & jugs, all kinds glassware, lot small household items, small electrical appliances; advertising signs; old washboards; 2 straw knives; 2-2-man saws; nail kegs; ½-bushel measure; school desks; Perfection heater; lot milk cans; new gas fired hot water heater; 3 large cast butcher kettles; lot stirrers; lot bag dollies.

Old Allis Chalmers tractor on rubber w/front mounted wood saw; New Idea 2 wheel, 3 beater tractor spreader; ground scoop; lot piles scrap iron; Clipper seed cleaner; Grove wagon chassis; lg. old Burr mill; small Craftsman table saw; tires; lot small hand tools; lot lawn & garden tools; block & fall; horse collar; hand winch; 2 old horse drawn corn planters; Enterprise stuffer; two platform scales; 5 HP reversible electric motor; wall drill press; turkey crate; many other items.

Auctioneer's Note: Due to large amount of items and congestion in buildings, this is a partial listing. A several generation collection - Plan to Attend.

Sale Inspection: Sale Day Only - Refreshments Rights Reserved
Terms: Cash

MR. DAVID A. MUSSELMAN- OWNER
C. David Redding- Auctioneer-
PA License No. 742-L
Gettysburg, PA- PH: 717-334-6941

PUBLIC AUCTION
SATURDAY, MAY 23, 1987
9:00 A.M.

At the late F. Leonard McCauley farm, Northern Indiana Co., 5 miles north of Marion Center, east off Route 119 on road to Rochester Mills. Watch for sale signs.

Standard milling machine (Bridgeport type) like new; Logan metal shaper, metal shaper, Craftsman 8 in. lathe, Leblong 12 in. engine lathe, large drill press, hydraulic press, 2-power hacksaws, hydraulic metal press brake 30 in., sheet metal roller, Sunnen Hone, air compressor, A-frame with chain blocks - 1 and 2 ton, Chicago Pneumatic air sander, air impact chisels, ¾ in. air impact wrench, B & D valve grinder, 6 in. x 18 in. magnetic chuck, 5 to 6 in. micrometer, new; Rockwell ½ in. elec. drill, heavy duty disc grinder, Lincoln 225 amp. elec. welding, several acetylene torches, gauges, 1250 watt generator, automotive testing equipment, metal punches and trimmers, large assortment of reamers, large asst. bits, taps & dies, chisels, punches, several wheel pullers, electrical supplies, a lot of welding rods, Minuteman broach kit, floor jack, large anvil, small grinder, several vises, weed eater, tow bar, 3-outboard motors, gas grill, large supply of steel, some aluminum.

Woodworking Equipment

Craftsman 12 in. planer, Craftsman 10 in. radial arm saw, Craftsman band saw, 6 in. jointer, 6 in. belt sander, 3 in. belt sander, lathe, 2-bench saws, routers, planes, mitre box, chain saws, whole saws, pipe clamps, wood clamps, C clamps, electric polisher, wood chisel set, parts bins, large supply bolts, washers, nuts, etc., wrenches, screwdrivers, paints, thinners, welders table, shop bench, oil, grease, a lot of hand tools for metal working shop. This is a very large shop sale. Many misc. items. Lunch available.

Real Estate will be offered at 1:00 P.M.

110 acre farm. With modern 8 room house, 3 bedrooms, 1½ baths. Basement. Beautiful large living room. Attached 2 car garage. Gas heat. Large pole barn with concrete floor. Large shop. Machine shed. Farm pond. Little Mahoning Creek flows through property. All buildings and house in good state of repair. Lovely country setting. Details on gas rights will be given on day of sale.

TERMS: $5,000.00 down. Balance upon delivery of deed. Owners reserve right to accept or reject any or all bids on Real Estate. Plan to inspect Monday evening, May 18, 7:00-8:00 PM or by appointment.

Administrator of Estate
Savings & Trust Co. of PA
Indiana, PA
Attorney for Estate - Joseph N. Mack
Ph. 412-465-5535
Auctioneer: Clayton D. Winebark
Rochester Mills
Phone 412-286-9806 AU001024-L

MAILBOX MARKET FOR SALE

Rototiller, Troy-Bilt 6HP $600. Trenton, NJ. 609-259-2802.

Skinner Christmas tree planter $600; GMC dump truck $1800; Hyd. pump for Int. tractor $250. Sch. Co. 717-345-4514.

5HP Troy tiller, elect. start, L JD w/cult., plow; 17' Stery boat w/110 Mercury w/elic. wench, trl. sterling. York Co. 717-993-6834.

NH Super 26 blower; Super high lift, 56", good. $525. Lanc. Co. 215-495-6067.

Four good used stainless steel tanks, 2 are single axle trailers, 3000, gal. 2 are for truck mounting or permanent storage,2500 & 3000 gal. Lanc. Co. 717-354-4996.

200 tons corn silage and haylage. Cumberland Co. 717-532-2601.

Black walnut trees to be cut, 14" dia. We will clean up. Make Offer. Lehigh Co. 215-285-6440.

Tires for JD 60. Wanted: Steel wheels for JD 60. Wayne Zimmerman, R2, Stevens, PA 17578. Lanc. Co. 215-267-2646.

8x10 heavy duty utility barn. Can deliver. Also 2 good, hard bottom chairs. Lanc. Co. 717-442-8317, no Sunday calls.

12 week old male pigmy goat, stud service for white carmal pigmy. Lebanon Co. 717-838-4875.

Garden tractor, 14 HP, 6 speeds, 44" mower, snow blade, dirt plow, chains, wheel weights, good cond., $1,200. 717-944-1558.

220 Case 10 HP, 48" mower, 4' blade and wheel weights, $1,100. Franklin Co 717-369-3503.

4 year old bay standardbred gelding, 14 2 hands. Rides and drives Good to clip, shoe and trailer. Perry Co. 717-582-7831

Three ⅓ HP ceiling fans. $50 or best offer. Samuel Lee King, 620 Schoeneck Rd., Ephrata, PA 17522.

MAILBOX MARKET WANTED

Used cast iron coal boilers w/or without grates. Somerset Co. 814-445-2027.

Front steel wheels for JD 3020, in good condition. Lanc. Co. 215-445-5325

Trojan 134 for parts or axle or good working loader of similar size. Cortland, NY. 315-696-8602

Team of horses for wagon rides. Must be gentle, well broke, sound, prefer over 5 years old. Lanc. Co. 717-442-4259

(2) liquid fertilizer tanks w/mounting brackets for JD 7000 corn planter. Reasonable Price. Berks Co. 215-944-8380

3PH 1-2 bottom plow. York Co. 717-993-2288.

Used calf castle, 4010 JD tractor or equivalent. Prefer with loader in good shape. Priced reasonably Cumb. Co. Carlisle. 717-243-8328.

Decent Homade stock rack for 1976 Ford pickup. Perry Co. 717-536-3241.

Squeeze pump 4 or 6R for liquid nitrogen. Lanc. Co. 215-445-5969.

PTO shaft for Lillison rotary mower. York Co 717-741-2222.

Dalmation pup. Three to four black and white month old male. Leola, PA 717-656-7789.

PTO for D4 Cat and fron wheel. Lanc Co A. Martin, RR4, Box 482-A, Ephrata, PA 17522.

Home, small farm to rent, possible option to buy for secure couple starting family. Call collect, 609-894-4851 anytime.

Hydraulic cylinder for AC loader Model WD9, 36" long, approx. 30" stroke. May need 2 to match. Allegany Co., MD. 301-478-2813.

MAILBOX MARKET WANTED

Radiator for 8N Ford tractor; Feed bag scales; Dozer or track loader, under $2,000. Perry Co. 717-582-8171 before 8 a.m.

Good used 1,000 rpm, reduction gearbox for Gehl FB99 blower. RD1, Box 31, Narvon, Pa. 17555.

Two horse trailer, TB 7'Hx6'W, very good frame, electric brakes, escape doors, 3 windows, tag-along padding, used. Chester Co. 215-347-1809.

JD 2510 diesel tractor w/or without loader. Union Co. 717-966-1724.

9.5x24 or 11x24 tractor tire adapter for fast hitch to 3 pt. for F706. Snyder Co. 717-837-3568.

Extra large clawfeet bathtub. Will pay top dollar. 609-452-8903, Ask for JoJo.

Riding pedal tractors or old pedal cars. Will pay good money. Lanc. Co. Allen Martin, R3, Ephrata, PA 17522. 717-354-9127.

Person needed full or part time. Some off farm work. J.S. King, R1, Box 56, Atglen, PA 19310, Rt. 41.

Battery type chicken brooders, reasonably priced. Bush Farms, Pemberton, NJ 08068. Burl. Co. 609-894-2855.

Black lamb or sheep. Berks Co. Please call after 7PM. 215-777-9969.

Steel wheels for Deutz 7206, prefer open center, 28" center, others considered. Berks Co. 215-562-5420.

Your old or unused fishing reels, rods, lures, tackle boxes, fish licenses and hunt licenses. Dauphin Co. 717-652-9065.

MAILBOX MARKET NOTICE

New Home For Rent on Keener Road, Brickerville, Lanc. Co., PA. Three bedrooms, two-car garage. 717-626-6944.

Four week old started capons still available beginning and end of July and end of August. Ed Schopf, Lancaster, 717-285-5296.

Free Hoards Dairyman magazines, several years. Northumberland Co. Choffel, RD 1, Box 80, Shamokin, PA 17872. 717-648-1863.

For Rent: 5 acres pasture for horses w/shed and water. Aaron S. Glick, R1, Box 231, Bird-in-Hand, PA 17505. Snake Hill Rd.

Cherry seeder or some one to custom seed cherries. Lanc. Co. 717-626-8912.

Fertilizer drill, JD or NI 10' or 12'. Ephraim Miller, 2455 Bachman Rd., Lancaster, PA 17602.

AUCTION

SATURDAY, MAY 23, 1987
At 10:00 A.M.

Mr. James Hartzler will sell at absolute auction the following items at his farm located on Patterson Creek Road ½ mile N of Williamsport, West Virginia. The farm is 12 miles S of Burlington on Patterson Creek Road and 18 miles N of Petersburg on Patterson Creek Road. Signs will be posted.

TRUCK AND TRACTORS

'69 Mack 673 diesel, 10 speed duplex, air brakes, 20' cattle body; MF 285, 81 HP, 3100 hrs.; White 2-70, 70 HP, 2000 hrs.; Bolens G-214, diesel 4 WD with loader, 700 hrs.

MACHINERY AND EQUIPMENT

JD 5 bottom single mount plow; MF 640 4 row air planter; MF 520 transport disc, 10'; 3 section spring tooth harrow; LELY seeder, 3PH; 2 NH 718 field choppers, one with two row corn head; 770W pickup grass head for 718; NI 323 1 row corn picker; LAMCO covered ensilage wagon, tandem axle; BADGER ensilage wagon, tandem axle; KNIGHT ensilage wagon, tandem axle; 2 gravity bin wagons; flat bed wagon, 20', JD 8 ton running gear; flat bed wagon, 20' 10 ton running gear; JD 270 grooming mower; JD brush hog, 3 PH 6'; NH 256 side delivery rake; NH 477 haybine, 7'; JD 336 hay baler; AC blower; HARVESTER elevator, 20'; STEINER elevator, 40'; 2 PATZ 98B silo unloaders; PATZ 166 conveyor; GEHL 99 blower; silo pipe, 48'; BADGER BN 184 manure pump; NH 330 manure spreader, pto; JD 54 manure spreader, pto; CLARK 300 gal. sprayer; flat bed trailer with stock sides, 10'; flat bed utility wagon with cattle racks, 16'.

MISCELLANEOUS

HALE irrigation pump, CHRYSLER flat head 6 cyl. engine; CARTER irrigation unit with 6 cyl. CHRYSLER engine; irrigation pipe, 30' x 6"; irrigation pipe, 3", varying lengths; rain guns and stands; sprinkler guns; 504 V-8 210 CUMMINS engine, just overhauled; 30 bags SS NORTHRUP KING seed corn; PATZ 101 tapered self feeder, 100'; PATZ bunk feeders, 100'; grain bins, 18 x 15; feed bin, 16 ton; feed bin 5 ton; knife sharpener for field chopper knives; 7 calf hutches; 8 gates; dehorner heat gate; 5-5 section head catch gates; many items too numerous to mention.

HOUSEHOLD

Guns, one HAMILTON 22; apple butter stirrer; brass bed; desk; upright piano and stool; hot water furnace; banjo; guitar; infant car seat; old bottles, canning jars and postcards; copy machine; adding machine; freezer; electric heaters; swimming pool pump; motorcycle helmet; bowling ball; ping pong table; dishes; other items.

TERMS: CASH OR APPROVED CHECK.

OWNER: JAMES HARTZLER

For Information, Contact:
Gary L. Vance Auctioneering Co., Inc.
Strasburg, Virginia
(703) 465-9172

Not responsible for accidents.
LUNCH WILL BE SOLD

PUBLIC AUCTION

WED., MAY 20, 1987 4:00 PM

ANTIQUES, HOUSEHOLD FARM EQUIPMENT, TRUCK

LOCATED: 3290 South Salem Church Road, York, PA. West of York Off Rt. 234, Turn North on South Salem Church Road 1 Mile to Sale on Left. Watch for Signs.

FARM EQUIPMENT, TRUCK AND EQUIPMENT

Ford 8N Tractor w/3 Pt. and Like New Tires in Good Condition, John Deere 3 Pt. 5 Ft. Rotary Mower, New Idea 12A Manure Spreader, Snapper Self-Propelled Mower, Bag Truck, Rubber Tire Wheelbarrow, Feed Trough, Hahn Rotary Mower, Electric Fencer, Hay Ladder, Farm Gates (Wooden and Metal), 16 and 30 Ft. Double Ladders, 4x4's, 2x4's and Misc. Lumber, Socket Set, Drill Bits, Equip. Jack, Cross Cut Saw, Bench Saw, Wrenches, Tow Chains, B&D Drill, Skill Chain Saw, Lawn Boy Weedeater, Tool Boxes, 4" Vise, Egg Baskets, Fencing, Hammers, Gas Cans, 110 Gal. Gas Tank, Metal Roofing, Some Hay and Straw, and Other Farm Items.

1984 Chevy ½ Ton Pick-up- 8' Bed, Automatic, 35,000 Miles, 305 V8 Motor. Side Board and Cattle Racks for 8 Ft. Pick-up.

ANTIQUES AND HOUSEHOLD GOODS

Wooden Towel Rack, Clothes Tree, Poster Bed, 2 Oak Dressers, Wooden Rocker, Chest of Drawers, Oak Sideboard, Old Atwater Kent Radio, Octagon Table Stand, Wood and Coal Heatrola, Iron Bed, Mantle Clock, Old Picture Frames, Cut and Pressed Glassware, 2 End Stands, Breakfast Set, Electric Heater, Electric Stove, Perfection Oil Space Heater, Cane Rocker, Bamboo Stand, Wooden Dining Room Chairs, Plank Chair, Iron Kettle, Steel Drum, Crocks, Lawn Furniture, Tubs, Baskets, Sofa, Pitcher Pump and Other Old Items.

TERMS: CASH OR GOOD CHECK

SALE FOR:

WALTER W. RUPPERT

3290 South Salem Church Road
York, PA
(717) 792-1486

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA. Lic. #761

PUBLIC SALE

SATURDAY, MAY 30, 1987
AT 10:30 A.M.

Route 192 East at the Penns cave grounds, Centre Hall, Pa. Auction of

ANTIQUE GAS ENGINES, TRACTORS & EQUIPMENT

(Early Listing)

ENGINES

3 Hp. Int.; 1½ Hp. Int.; 6 Hp. Int.; 1½ Hp. McCormick-Deering; 1¾ Hp. United; 4½ Hp. United; Maytags; (all Running) 6 Hp. Int.; 3 Hp. Witte; 4 Hp. Witte; Various other Engines.

TRACTORS

1944 John Deere B; 2- International F-12s; International F-12 on steel; Several other tractors expected.

MISC. EQUIPMENT

32 Volt Stearns Light Plant; Small Stationary Thrashing Machine; International Stationary Baler (very good); Mower for JD-M; Dump rake; Planet Jr. cult.; Kereo. pump.

PARTS & MISC.

Parts for Farmall F12, F20; Misc. Engine Parts; New F- 12- 14- 20 Rad. Cores, Int. Decal sets, Parts books and Manuals; Misc. Tools and shop Supplies; Small engines and parts; Garden tractors and mowers; Several Truckloads of misc. items. F-30 parts; 1937 Ford rad.

Mr. Ben Kinsinger will have IH parts and manuals.

SALE INFO. 692-8738, 237-3141
NO HOUSEHOLD ITEMS
NO UNRELATED ITEMS

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SPRING GAS-UP:
MAY 30-31, 1987

* ANTIQUE ENGINES & TRACTORS ON DISPLAY
* ANTIQUE TRACTOR PULL - MAY 30, 5 30 P M
* FLEA MARKET - BOTH DAYS
* SQUARE DANCE - SAT NIGHT

EXHIBITORS WELCOME
FREE ADMISSION
to all events.

ANNUAL TOY TRACTOR AND EQUIPMENT SHOW/AUCTION
Show: May 30 & 31
Auction: May 31 at 12:30 p.m.
(814) 364-9855

NITTANY ANTIQUE MACHINERY ASSOCIATION, INC. OF CENTRAL PENNSYLVANIA

MAILBOX MARKET AD FORM

Only ads submitted on this official form will be published in our mailbox markets.

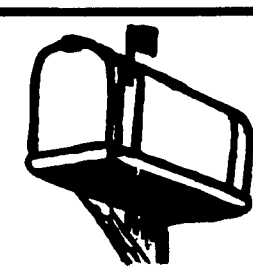
Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:

For Sale _____ Notice _____ Wanted _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper, no business ads accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543
No Phone
Calls Please

PUBLIC AUCTION

BUILDERS SURPLUS INVENTORY

79 FORD VAN TRUCK, TAG ALONG, NEW FURNITURE & KITCHEN CABINETS

TUESDAY EVE., MAY 19, 1987
4:30 P.M.

Located at 2 Spring Hill Dr., ¼ Mi. E. of Rt. 309, off Sand Spring Rd. (turn at stop light) Schnecksville, Pa., Lehigh Co.

New Furniture displayed in model home as follows- Sofa- chairs- dining table- chairs- hutch- coffee & end tables- lamps- paintings- Home Crest kitchen cabinets- vanity cabinets & tops- kitchen tops- medicine cabinets- etc. Laundry sinks, hood fan, refrig., upright freezer, vinyl floor covering, Champion kerosene heater, elec. heater, vinyl & alum. shutters, 6' alum. patio doors, pump jacks, smoke stacks, 5 gal. plastic buckets, etc. 1979 Ford Window Van - side dr.- w. 2 full seats, 18 T. Tag Along, 12'x55' Mobile Home was used for field office, Master Compacter - concrete vibrator & finisher, alum. doors & windows, Spot nail guns & nails, snow blower, etc. PART LIST

Auct. Note: This is an auction of surplus items that are no longer needed by the well-known NKI Builders. Come take advantage of these like-new items.

Sale ordered by **NKI BUILDERS**

HOUSER AUCTS. AU-000446L
215-799-2396 or 717-386-2191

PUBLIC SALE

of
SHOP TOOLS & GUNS
SATURDAY, MAY 30, 1987
9:30 A.M.

LOCATION: CUMBERLAND CO., PA.- Traveling Rt. 34 take Rt. 174 east. Turn right onto Petersburg Rd. Follow to sale. Sale signs posted day of sale.

SHOP TOOLS

Craftsman Radial #10 saw; Large air compressor; Lincoln 250 welder; Craftsman miter saw; Chain saw sharpener; Craftsman elec. chain saw; McCullough chain saw; Craftsman 12" Band saw w/sander; Drill press; Belt sander; Craftsman Router w/case; Power vice; Pipe threader; Propane torch; Snow blower; Corn-A-Long 1½ ton; Chain hoist; Pipe cutters; 6 pipe wrenches 12" to 3'; ¾ drive set; Step ladder; Vices; Lots of C clamps; 6' level; All kinds of wooden pulleys; Acetylene tanks w/carts; Work bench; New base board header; Barn Fan; Lead pot; 2 Myers sun pumps; Iron kettle; 3 milk cans; Lots of masonry tools; 3 Sets of scaffolds; Bag cart; Cross saw; Lots of pipes & fittings (copper, PVC, cast iron); Sears oil heater; Chains; Hand tools; Lots of bolts & nuts; Other misc. items.

GUNS
(to be sold at 12:00 Noon)

L.C. Smith 12 ga. Double barrel, w/extra barrel; Winchester 12 ga. pump w/full choke barrel, model 12; Winchester 16 ga.; New Haven Mossbirg 20 ga. pump; Winchester Model 97 12 ga. pump; Winchester 264 Model 70 Bolt action; Winchester 10 ga. Double Barrel (Royol gun work, Belgium); Zabala 20 ga. Double Barrel; 12 ga. Double Barrel hammer gun; N.R. Davis & Son 12 ga. S. Barrel Diana; U.S. Model 1878 Springfield; Mossburg 22 rifle; Stevens 22-410 over under; 22 Revolver; Homemade 22; B.B. air rifle.

NOTE: Guns have been removed from premises.

TERMS: I.D. Required. Cash or Good Check.
Lunch Stand Reserved
Not Responsible For Accidents

SALE BY:
SELDEN & HELEN BEAR
818 Petersburg Rd.
Carlisle, Pa. 17013

Sale Conducted By:
SENSENIG AUCTIONEERING
Shippensburg, PA 17257
Ph. (717) 532-9160 (717) 776-5054
Lic. #AU-001803-L
Clerks: Eberly, Rudolph

AUCTIONEER'S NOTE: Good opportunity to update your shop tools.

MAILBOX MARKET NOTICE

For Rent: Approx. 15 acres pasture for 5-6 horses, shade and water. Chester Co., Coatesville area Price negotiable. 215-383-0581.

For Rent: Ocean City, MD. Townhouse on bay. Pool, available by week. 2½ blocks to beach. For more information. 215-286-5059

For Rent: Mobile home on farm. Prefer Christian couple. Lanc. Co. 717-665-5048

Pasture For Rent. Berks Co. 215-678-9326

At Stud: Reg. Percheron RHB Emblem 257293. Black, 17.2, 2000#, excellent feet, disposition, quality breeding stock. Jefferson Co., WVA. 304-725-3909

American saddlebred stud service. This is a good proven stud for hauling your mares. 717-548-2627.

AKC Collie stud service, AKC Pomeranian stud service, also steps for mobile home for sale. Lanc. Co. 717-733-8770.

For Rent: Tobacco sheds. Donegal area. Lanc. Co. 717-665-4774

Two Day Public Auction

TOOLS, GUNS, ANTIQUES, HOUSEHOLD GOODS

FRIDAY, MAY 29, 1987
at 5:30 P.M. and
SATURDAY, MAY 30, 1987
at 9:00 A.M.

Location: Take Rt. 272 South of Lancaster, Pa. approx. 17 miles. Just 2½ miles south of The Buck. Turn left onto Cardinal Dr., 3rd place on left. Or 4 miles north of Wakefield.

Friday, May 29: Tools

Tool cabinet; sets of wrenches; monkey wrenches; socket sets; tap & die sets; ½-hp grinder; lathe; ¼" & ½" drills; saw vise; sabre saw; Craftsman power saw; carpenter tool box; welding helmets; jack stands; car ramps; creeper; auto manuals; digging irons; shovels; tarps; trestles; car speakers; fishing rods; Martin bird house; 5 cast iron radiators. Tools of all descriptions.

Sat., May 30:
Antiques, Household Goods, Guns, Tractor, Scout

Bow front china closet w/mirror, claw feet; oak ext. table w/6 chairs; 2 pc. living room suite; 4 pc. blonde bedroom suite; organ converted to desk; cedar blanket chest; Mediterranean hutch; metal wardrobe; player piano; child's table & chair; high chair; 2 school desks; coffee & end tables; old rocker; lazy boy; trunk; recliner; floor lamps.

Shirley Temple pitcher; glass berry set; Moon Dial glass basket; 6 pc. pitcher & bowl set; 7 pc. dresser set; Moose head creamers; 400 sets of salts & peppers; pictures; tin toys; coal oil lanterns; books; records & cabinet; copper wash boiler; linens; jugs; jars; crocks; tobacco spears; sizing box; Silvertone guitar; mandolin; iron rabbit & dog.

Kelv. side by side refrig.; chest freezer; meat slicer; small household appliances; crib; play pen; Electrolux vacuum; dehumidifier; Maytag washer & dryer; air conditioner; 5 porch swings; picnic tables; skis & poles; 2 chicken crates, milk cans.

Cub Cadet riding mower, just overhauled; Jacobsen rotary mower; Ariens roto-tiller; Myer hand pump; iron pump trough; 2 wheelbarrows; bag wagon; walking plow; wheel hp. plow; spring harrow; 32 ft. ext. ladder; step ladder; weed eater; sprayers; lawn spreaders; butchering ladles; sm. iron kettle; hay hook; wooden rake; 2 bulldogs off Mack trucks, one's eyes light up.

Super A Farmall Tractor & Plow; 1973 Int. Scout, 2 Sets Of Extra Wheels & Tires

Guns: 2 gun cabinets, each holds 6 guns; 12 ga. double barrel muzzleloader; .22 Win. pump, model 1906; .22 Stevens single shot; .22 Rem. pump, model 12A; 20 ga. Mossberg w/clip, bolt action, model 185D; 12 ga. double barrel hammerless, model 176054; 12 ga. Richards double barrel w/hammers; .22 Stevens bolt action w/clip, Springfield, model 84C; .410 Stevens double barrel hammerless, model 311; 12 ga. single barrel hinge action; 12 ga. Stevens double barrel w/hammers, model 235; .22 Hornet Savage, model 219; 16 ga. double barrel Stevens, model 311; .30-30 Win. model 94; Hahn 45 C02 BB pistol; 12 ga. double barrel Shues special w/1 hammer; .22 Rem. pump w/scope; 12 ga. double barrel hammerless; N.R. Savis 10 ga. single barrel goose gun; 12 ga. Manton double barrel muzzleloader, as is; 12 ga. Win. single barrel, as is; Trap and reloading outfit; toy pistols; ammunition.

Auctioneers Note: At 1:00 P.M. we will sell simultaneously the Guns, Tractor, Scout, Salts & Peppers. 2:00 P.M., Furniture.

Out of state checks must be accompanied by current bank letters unless known by Auctioneers or Owners. Food available.

Terms By
Alta Strawser & George Eager
Auctioneers Conducting Sale:
Lloyd Kreider (AU000513L)
717-786-3394,
Randal Kline, Roy Good, Gary Shirk

KREIDER & KLINE AUCTIONEERS

SATURDAY AUCTION

LARGE PUBLIC SALE

VALUABLE ANTIQUES, FURNITURE, CARNIVAL, GLASSWARE COLLECTION, OLD GASOLINE ENGINES, STEAM ENGINE PARTS & TOOLS

FOR MR. & MRS. RAY J. UREY
OF R.D. 2, STEWARTSTOWN, PA

SATURDAY, MAY 23, 1987
At 9:00 A.M. Sharp!

Sale to be held in the spacious Stewartstown Fire Hall, located along Pa. Rt. 24, just north of Stewartstown, York Co., PA.

ANTIQUE FURNITURE & HOUSEHOLD ARTICLES

Lg. oak bow front china closet w/ paw feet; decorated plank bottom rocker; mahogany tall what-not stand; 9 pane corner cupboard thought to be a Rupp; 6 Rupp chairs; oak claw foot table (cut down); 6 dec. plank bottom chairs; old decorated blanket chest, not original paint; pine night stand; 2 Victorian side chairs; lg. Federal mirrors; lg. oil paintings; natural cedar chest; arm chairs; Gibson 15 cu. ft. chest freezer, like new; Singer sewing machine; fireplace andirons & screen; flower stands; 2 metal porch chairs; dehumidifier; recliner; Zenith 25" color console TV; etc.

CARNIVAL GLASS, PATTERN GLASS, CHINA, ETC.

Approx. 30 pcs. of carnival consisting of Good Luck plate, blue peacock plate, white berry bowl; water set, bowls of all sizes & colors, also some new I.G. carnival pcs.; R.S. Bavaria bowl; German pcs.; Nippon & Noritake; opalescent glass pcs.; press cut; pattern glass cake stands; cream, sugar & butter sets; custard glass; approx. 10 beautiful reverse paintings on glass pictures in frames; other pictures & paintings; vases; bisque; Austria pcs.; dragonware china; milkglass; hobnail glass; old Seth Thomas mantle clock; rayolite; cherry seeder; milk pail; bread raiser; Walter Baker choc. box; Christmas decor; Yo-Yo quilt; linens; comforts; lg. old family Bible; table cloths; Case miniature steam engine; P.R.R. lamp flare; 2 R.R. lanterns; ice cream freezer; Wm. Foust pretzel; Wm. Foust amber flask & jug w/ chain & stopper; pots; pans; canners; roasters; etc.

GASOLINE ENGINES, STEAM ENGINE PARTS, ETC.

Fairbanks-Morse 2½ HP engine in running condition; Stover Mfg. & Engine Co. gasoline engine, approx. 2 HP; 2 small iron wheel wagons (may have been engine carriages); several misc. parts for a 50 HP Peerless steam engine, such as a set of st. grates, 7 boiler tubes, steam pop-off valve, pressure gauge, etc; acetylene welding & cutting torch outfit w/ tanks owned by Mr. Urey for over 30 yrs.; grindstone; shingle mill belts; water pumps & valves; sprayer pump; pipe fittings; misc. tools; steel drums; log chain; milk cans; 15 pcs. of Army surplus 20' x 6" pipe; block & tackle; cultivator; 8 ft. pickup topper; tube expander; brace & bits; pipe threader & many items not mentioned.

SALE ORDER: Misc. sm. tools, hardware & household articles at 9. Gasoline engines & steam engine parts at 10:30. Carnival & glassware collection at 11:00. Furniture at 1:00.

SALE FOR:
MR. & MRS. RAY J. UREY
R.D. 2, Box 467
Stewartstown, PA

AUCTIONEERS:
Bob & Tom Sechrist
Ph. 717-382-4379
Lic. # 820-821

Not responsible for accidents!
Good Food!

Sale Reports

A Public Auction of antiques was held May 9 for Mabel R. Marks at the Leesport Farmer's Market at the north end of Leesport, Pa. There were 210 bidders registered at the sale.

The real estate consisted of a 2½ story semi-attached brick house in Leesport and it was sold for $40,000.

Prices included: small German bisque head doll $185, box of assorted postcards $100, 4 flow blue plates $350, flow blue cup & saucer $125, 6 pcs. blow blue pieces $220, Limoges dinnerware set $220, blue & white quilt $100, small doll quilt $75, Lehigh coal & wood stove $290, walnut fainting couch $300, round oak pedestal table $540, 2 oak dressers $150 & $200, oak china closet $275, oak bookcase desk $425, oak sideboard $400, oak library desk $140, 3 pc. high oak bedroom suite $1050, 6 pc. oak bedroom suite $600, early Victorian bed $500, set of 6 arrowback chairs $450, Hepplewhite dresser $450 and early bucket bench $1175.

Kenneth P. Leiby was the auctioneer.

XXX

A Public Auction of antiques was held May 9 by Whiteside Auction Service at 117 E. Evergreen St., West Grove, Pa. There were 425 registered bidders at the sale.

Some prices included: corner cupboard $1700, Victorian sofa $750, dentist cabinet $750, bench table $600, Oriental rug $400, 3 inch slip decorated dish $325, tin movable man $275 and Hopalong Cassidy lunch box $55.

Whiteside Auction Service conducted the sale for owner.

XXX

A Public Auction of two Berks County farms was held May 7 for Margaret A. Moser Schell, along Route 183 between Bernville and Strausstown, Jefferson Twp., Berks County, Pa.

The two tracts were sold as one unit for $252,000. The No. 1 parcel included 85 acres with a banked barn w/36 stanchions, 2 Harvestors, steel equipment shed, & 2½ story frame house. The No. 2 tract had 54 acres with a barn and house.

Dennis F. Wagner was the auctioneer.

XXX

A Public Auction was held May 7 to sell household goods and guns from the Lee Leitzel Estate and also Mrs. Daniel Kinsinger, at Fisherville Fire Company.

Some prices included: secretary $275, slant top desk $255, round oak table $350, 6 oak chairs $30 each, iron butcher kettle w/3 feet $45, Winchester model 12 12 gauge shotgun $400, Savage 300 rifle $285, Remington model 4 22 cal. single shot rifle $135 and Massey Harris Pony tractor $625.

Edwin Shoop and David D. Deibler were the auctioneers.

XXX

A Public Sale of real estate was held May 9 by Glen and Debbie Burkholder in the village of Talmage along Route 772 in Lancaster Co., Pa.

The 2½ story frame house on ½ acre plus land was sold for $70,000.

Nevin Martin and Lewis Groff were the auctioneers.

Sale Reports

A Public Auction of furniture and antiques from local estates was held May 9 at Rudnick's Sales, Route 213 in Galena, Maryland.

Some items sold were: round oak table $525, ship's wheel $220, modern sofa table $550, modern folding dining room table $750, bamboo glass top table and 6 chairs $1200, deacon's bench $470, 4 drawer chest $525, Chippendale style grandfathers clock $1000, Chippendale secretary $1250, Kimball spinet piano & bench $500, Oriental carved chair $700, 6 Windsor chairs $660, pair of brass candle wall sconces $425 and old semi-antique Oriental rug $1200.

Harry Rudnick & Sons, Inc. conducted the sale.

XXX

A Public Auction of 70 registered Holsteins was held May 8 by the Allegany-Steuben calf-bred heifer & cow sale at the Allegany Steuben Holstein Club Barn on Route 36, 5 miles north of Jasper, New York.

The top cow was sold for $1400 and a September calf brought $2000. Bred heifers brought the following prices $1450, $1275 and $1250.

Gordon Wood was the sale manager.

XXX

An Auction Sale of farm machinery was held May 9 at A. Curtis Andrew's Auction Barn, American Corner, Maryland on Route 621. A large crowd attended the sale with buyers from several states present.

Some prices included: Int. Super A $2500, J.D. 4430 tractor $13,000, J.D. 4230 tractor $12,100, J.D. 6620 combine w/grain table & corn head $24,500, J.D. 7700 combine (without grain table or corn head) $10,250, N.I. manure spreader $1900, folding Brillion cultipacker $3000, A.C. G tractor $1200, Int. 1970 truck w/dump bed $4000, 1966 Chev. truck w/dump $3750, 1967 Int. truck $2100, 2 axle trailer $1900, J.D. 14 row soybean planter $9500, J.D. wagon $1200, 5-B plow $1100, J.D. 158 loader $3000 and 14 row cultivator $1350.

Auctioneers were Curtis Andrew, Mike Rose and Glenn Watson.

XXX

A Public Sale of garden tools and household goods was held May 9 by Ernest and Mildred Knechel, north of Bally off Huff Church Road. There were over 140 registered bidders at the sale.

Some prices included: oak chest $60, painted porcelain top kitchen cabinet $45, small scaffold $180, small IH manure spreader $360, J.D. 110 lawn mower $600, 4 wheel Anderson trailer for mower $150, Int. Cub tractor w/implements $3000, and sheep $47 with all sheep averaging $31.

John C. Lapinski was the auctioneer.

XXX

A Public Auction of three parcels of real estate was held May 9 by Robert L. Cherrington and Jean P. Cherrington, along Route 147, ½ mile north of Delmatia, Pa.

The No. 1 parcel contained 40 acres of wooded area with 10 acres tillable and was sold for $32,500. It contained no buildings.

The No. 2 parcel was sold for $18,750 and consisted of 1.457 acres with a 4-bedroom dwelling and a large bank type barn.

The No. 3 parcel contained 1.453 acres with a house and storage shed and was sold for $11,500.

Mike and George Deibert were the auctioneers.

XXX

The Enjoyment Farm registered Holstein sale was held May 8 at the Fairgrounds in Meyersdale, Pa. by the Glenn Johnson family, Rockwood, Pa.

The top priced Holstein sold for $2100 and the average of the 50 head of cows, heifers and calves was $1095.

Merle Mishler and Oran Bender were the auctioneers.

XXX

A Dairy Cattle Auction was held at Art Kling's on Route 74, 15 miles north of Carlisle, Perry Co., Pa.

The cows owned by Bill McCullough averaged $680 with a red and white registered Holstein selling for $1350. The 2nd high was $990 and the 3rd high was $980.

The cattle owned by David Stetler averaged $625 for 36 head. The top three prices for Holsteins were $1450, $1400 and $1250. The top two Jersey cows sold for $720 and $550.

Kling's Auction Service conducted the sale.

XXX

A Public Sale of a 73 acre farm was held May 9 for Anna A. Slaybaugh on Bull Valley Road, 3 miles east of Biglerville, Pa.

The real estate was sold for $90,000 and included a 2½ story brick house, 2 story cement block and stone barn and small frame storage building.

Larry J. Peters was the auctioneer.

XXX

A Public Auction of farm equipment was held May 4 for Paul and Beatrice Shuey, R.D. 2, Annville, Lebanon Co., Pa. at corner of Reed Creek Rd. and Jonestown Road. There were over 500 people at the sale from 4 different states.

Some prices were: new king size rosebud quilt $270, J.D. 70 riding mower $720, pair Honda 90 three wheelers $625 each, hay wagon $700, Ford 2-row corn planter $650, Oliver HG 68 Cletrac tractor $2500, Ford 3000 tractor w/loader $4800, Ford 3-B plow $350, N.I. side rake $1075, N.H. manure spreader $800, J.D. KBA disc harrow $450 and Horse head hitching post $150.

Harry H. Bachman was the auctioneer.

Public Sale

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood), WV, Route 51 East approximately 3½ miles to Shutts Cash Grocery (Formerly Haines') Turn right- .2 of a mile to sale — OR — From Charles Town, WV, Take Route 51 West, Go approximately 8½ miles to Shutts Cash Grocery - Turn left - .2 of a mile to sale.

Monday, May 25, 1987
At — 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens and other tractors. We will also be offering 2 and 3 axle trailers, a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, post hole diggers, disc, wood saws, rakes, balers, round balers, grain elevators, corn pickers, corn planters, and other farm related articles.

We will also be offering a good selection of NEW AND USED TOOLS — Canned goods, Hams and other food items. Some Household articles. Cuz of Pennsylvania, will be here with watches, tapestries, crystal and sewing material.

ALSO: 1964 Ford Falcon/260 V8; 1963 Mercury Comet/No Title; 1968 Cox Camper/tent top-pops up; John Deere 55 Combine w/Grain head and Corn head.

AT — 1:00 A.M.

We will sell the following Farm Equipment for J.A. Ware/Farmers Home Administration.

Int. 986 tractor with 1600 hrs., NH 451 mower, Victon wheel rake, Int. 295 No till corn planter, Int. 370 disc, Int. 5500 10 tooth chisel plow, Grant 14' stock trailer, IMCO 6' scraper blade, John Deere 3 btm. 14" plow, White 8800 combine with 6 row cornhead, 15 ft. grainhead, AC 4 btm. 16" semi-mount plow, 5000 bu. grain bin with dryer and stirall, 10,000 bu. grain storage bin (no floor).

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE BIDDING NUMBER.

SALE MGR.,
EDGAR W. BOHRER
WV LIC. #18-87
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

The grain bin will be sold at the above location. However, it may be inspected at the farm on Darke Lane. For further information please call Mr. Ware at 304-725-4487 OR Ed Bohrer at 304-229-8354.

ORDER OF SALE: SMALL ITEMS: Tools, household articles, food, etc. will be offered promptly at 9 am; TRACTORS AND EQUIPMENT: Will be offered promptly at 12 NOON.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

2-DAY PUBLIC AUCTION

—OF VALUABLE— QUILTS, ANTIQUES, BUTCHERING EQUIPMENT AND HOUSEHOLD GOODS
FRIDAY, MAY 22, 1987 -4:30 P.M.
AND FARM-POTATO-HORSE EQUIPMENT, CAR, 1951 FORD PICK-UP TRUCK, OLD GASOLINE ENGINE, HAY AND STRAW, SMALL FARM ITEMS AND TOOLS
SATURDAY, MAY 23, 1987 -9:00 A.M.

Located: Turn off Route 61 across from Farm Credit Office in Shoemakersville onto Zion's Church Road for approx. 2 miles. Then left onto Dreibelbis Mill Road for approx. ½ mile to sale Watch for signs.

Antiques and Household: Grained dovetailed blanket chest, cherry kneehole desk, top of drysink, oak clothes tree, 5 pc dinette set, (2) oak chairs, sofa, Arvin heater (new), Kelvinator ref., Maytag wringer washer, Victrola cabinet, 12 in Zenith port TV, nightstand, 3 pc waterfall BRS, clothes rack, Electrolux sweeper, milk cans, crocks, C I pans, sm elec appliances, pots and pans, milk bottles, Japan, Austria, Bavaria, mason jars, berry boxes, wire egg and split oak baskets, egg scale-cartons-crates, bottle capper, old tins, cowbell, old jewelry, old valentines and postcards, adv pens and pencils, old buttons and badges, 1933 gun price magazine by Hudson Sport Goods, 1939-40 metal hunting license, old school books (early 1900's), 1941-44 church calendars (local), old games and trapping magazines (1933-50), door stops local adv items, old Mobile gas pump adv, new shoes, clothing, bedding, (2) old quilts, lg selection of new houseware items, (2) antique sleds, tricycle, Pepsi cooler, 12 and 20 ga ammunition, wine barrels, wooden shutters, nail kegs

Butcher Equipment: Hog scalding trough, hog carrier, 12 ft butcher benches, (2) wdn meat tubs, meat saw, lard cans, Enterprise meat grinder on bench

Farm Equipment: (2) Ford Ferguson tractors (good cond), Farmall H with loader, F-20, (2) Ferguson 2x14 in 3-pt plows, Tempco 3-pt 6 ft blade, Ford 3-pt cultivator, 3-pt 5 ft rotary mower, 6 ft Ferguson 3-pt disk, Ford No 501 3-pt 7 ft mower, Wood Bros single row corn picker, 16 ft pipe bale carrier with 1 hp. motor Ontario 16 disc grain drill, 24 ft grain elevator, 3 bar side delivery rake, 3-pt 55 gal sprayer, McCormick No 45 baler, 16 ft Gruber wagon on rubber, 8 ft land roller, spike harrow, 3 section harrow, New Idea ground drive manure spreader, 10 ft. lime drill, 12 ft x4 in grain auger, 14 ft and 16 ft flat wagons with grain sides, 15 ft x7 ft and 8 ft grain trailers, J D hay crimper Albright 2-row corn planter, 2-row potato digger and planter, potato sprayer, potato plow and grader, saw buck, walking plows (1 Hamburg No 102), walking cultivator, corn sheller with motor, Ferguson pulley, hay loading chute, antique feed grinder, fanning mill, wagon wheels, tractor grass seeder, (4) 55 gal drums of kerosene-oils-grease, (2) 300 gal fuel tanks with pumps, assorted horse drawn equipment, assorted seeds, corn, soybeans, etc, approx 100 bales Timothy hay, approx 3½ ton wheat straw, approx 40 bu wheat and 20 bu oats, 1951 ½ ton Ford pick-up truck with cattle racks, 1963 Ford Galaxie 4-dr with 390 engine

SMALL FARM ITEMS AND TOOLS: Ram 7¼ in circular saw, grindstone bench, 1 hp air compressor, pedal grindstone, scythes, elec chain saw, 3/8 and one-fourth in B and D drill, ½ in Utility elec drill, old wrenches, lg wdn mallet, lg feed chest, hydraulic jacks, platform scale, Ferguson wheel weights, old corn choppers, implement tires, Ford 28 in tractor chains, Ford and Int parts, poultry feeders and waterers, chicken coops, horse and mule gear (trees-flys-harnesses), C I water and hog troughs, 2-wdn wheel cart, wdn ladders, hay hook, new 6 ft fence posts, feed bags, cow chains, wdn and rubber tire wheelbarrows, milk stool, oil pumps, 2-man saw, vise, grain cradle, old 1½ hp. gasoline engine, 3½ hp power mower, shovels, forks, nuts and bolts, tool boxes, kerosene cans, wdn rakes, ground sieves, and lots of misc items too numerous to mention

TERMS: Cash or PA check day of sale.

SALE FOR **GEORGE SCHAPPELL**

Auctioneer: KENNETH P. LEIBY
(PA L No. AU00541-L)
R.D. No. 2, Box 2674, Hamburg, Pa. 19526
215-562-3929

PUBLIC AUCTION

4 Tracts Of Good Real Estate

THURSDAY, MAY 28, 1987
1 P.M.

Located Along Kirks Mill Rd., Nottingham, PA, between Brown Rd. & King Penn Rd. Little Britain Twp.

An exceptional auction of acreage. Agriculture zoned with 1 acre single family residence. Mobile, modular homes or seasonal housing are permitted.

Parcel #1 - Approx. 113 acres of real estate with road frontage along Kirks Mill & King Penn Roads (known as the Pennell Farm)

Parcel #2 - Approx. (4) 1 acre lots, fronting Kirks Mill Rd.

Parcel #3 - Approx. 9 acres of real estate located to the rear of the (4) 1-acre tracts.

Parcel #4 - Approx. 65 acres of real estate east of Kirks Mill Road (known as a portion of the Phillips Farm)

Terms: 10% down day of auction. Balance by July 15, 1987.

Auction for
CHARLES H. CRAIG, JR.
GLADYS S. CRAIG
Bankruptcy #8403223T
Debtors-in-possession

Attys:
Jacques H. Geinsenberger, Jr.
717-397-3500
Mark Stanley 299-7254
Auction Conducted By The
J. Omar Landis Auct. Serv.
Jay M. Witman AU001127-L
Box 501, Ephrata, PA 17522
717-627-0789, 665-5735

THE HISTORICAL SOCIETY OF THE COCALICO VALLEY'S 22ND ANNUAL MEMORIAL DAY BENEFIT AUCTION OF ANTIQUES, PRIMITIVES, FRAKTUR, TEXTILES, PRINTS & EPHEMERA

MONDAY, MAY 25, 1987
SALE TIME: 8:30 A.M.

NOTE LOCATION CHANGE - To be held at the Denver Fire Hall, 425 Locust St., Denver, Lanc. Co., Pa., COMPLETE CATALOGUE AVAILABLE by mailing $5.00 to C. E. Spohn, c/o Memorial Day Auction, 837-B W. Main St., Ephrata, Pa. 17522.

FINE 18TH CENTURY DECORATED BRIDES' BOX; LEHNWARE WATER & SUGAR BUCKETS; ORIG. MIXED MEDIA PAINTING BY EVELYN FAVUS; Frakturs; 1887 View of Ephrata by Fowler; Many Currier & Ives, N. Currier, etc. Prints; Ben Austrian Print; Brass Candlesticks, Spittoon, Pie Crimpers, etc.; Tinware; "Buddy L" Aerial Fire Truck; "ROBERTS & LYNE", PHILA. GOOSENECK TEAKETTLE; 48 PCS Set of Sterling Flatware; Misc. Silverplate - Pickle Castor, Castor Set, Decanter Set, etc.; Ironware; Coffee Grinders; Dough Tray; Baskets; Child's Tramp Art Bureau & Jewelry Box; Clocks; Glassware; China - R.S. Prussia Bowl & Plate, Kings Rose Soup Plate, Gaudy Welsh Plate, Red Peafowl Spatter Cup & Saucer, etc.; Furniture - Dry Sink, Chairs, Rockers, etc.; "I. Fetter", "E. Weitz" & "Klein" Saxony Spinning Wheels; FINE LANC. CO. (DANNER) CORNER SPINNING WHEEL & WINDER; Quilts; "Henry Keever, Womelsdorf, 1844" Woolen Coverlet; Misc. Linens, etc.; Lg. Collection of Albums of Christmas, etc. Seals; Drawings; WWII Posters; RARE 1935 BALLOON BOOKMARK, NAT. GEOGRAPHIC SOC.; Grant/Colfax Pres. Camp. Broadside; Lincoln/Johnson Pres. Camp. Broadside; 1759 PENN [illegible]ED; Misc. Documents; Ledger of Christian [illegible]her (Penn Twp., Lanc. Co.); etc.

TERMS BY:
THE HISTORICAL SOCIETY OF THE COCALICO VALLEY
(AGENT FOR THE OWNERS)

AUCTIONEERS:
T. Glenn Horst (717-859-1331)
AU-000438-L
Timothy G. Horst (717-738-1245)
AU-001767-L
CATALOGUE BY:
Clarence E. Spohn (717-733-6276)

PUBLIC AUCTION

Val. Antiques, Collectors Items, Household Goods, etc.

(This home was built & has been in this family since 1900) Estate of Hannah Greenway, at 2245 West Third St., Williamsport, Pa. (Newberry Section).

SATURDAY, MAY 23, 1987

Starting at 10 AM

Brief listing follows: 4 Oak bedroom suites-fancy; 8 pc. oak dining room suite; Kalamazoo green & creme cook stove; Oak server; Shaw upright piano; ball & claw foot piano stool; Oak dropfront desk; red blanket chest; Singer treadle sewing machine; oak 5 leg farm table; clocks; towel racks; stands; chairs; oil lamps; crocks; many many more items from this old home. Also many modern items such as refrig; washer & dryer; 30" gas stove; uph furniture; etc. etc. This will be a large sale - many items not listed - for full list call Auct. Co.

Sellers

HANNAH GREENWAY ESTATE

Conducted by Fraley Auction Co.
(717) 546-6907 AU1194L

PUBLIC AUCTION

OF VALUABLE REAL ESTATE, FARM MACHINERY, CARS, ETC.

THURSDAY, MAY 21st

at 10:00 A.M.

Located R.D.#3 Box 299, Red Lion, PA., from square in Red Lion take South Main Street past Jerry's Food Rite on Red Lion-Felton Road apx. one mile to Grove Road then turn right and go straight apx. one mile to farm on left. Signs will be posted in Windsor Twp., York Co., PA. The undersigned discontinuing farming due to ill health will offer at public auction the following:

REAL ESTATE -98 ACRE FARM

Farm containing 98 acres more or less having a brick four bedroom house with F.H.A. oil heat, well and septic, large bank barn, 2 car garage, summer house and more. 75 acres are tillable and apx. 23 acres are wooded. This farm has apx. 5,000 feet of road frontage. Farm land lays very nicely and is in a high state of cultivation (crops are reserved). For inspection call Mr. Grove at 244-4936. Home will be open Sat., May 2, 9, and from 10:00 a.m. to 2:00 p.m. Sold in as is condition. Terms 10% down, balance in 60 days other conditions will be given day of sale. Farm will be offered at 12.00 noon.

FARM MACHINERY, CARS, TRUCK, ETC.

1976 Ford, 3600 tractor with cab radio with only 480 hours, Kubota L 235 4 wheel drive tractor with 4 foot bucket only 144 hours. Both tractors are diesels bought new and are like new. Back hoe unit for L 235 Kubota, 1952 Ford F 5 flat bed TK V8, J.D. 24 T kick bailer with dual wheel on 1 side nice, Brillion 14 ft. harrow, Ferguson hay rack for 3 P.T. #D-EO-20, Ford mod. 2 bottom Oliver plow 3 P.T., New Idea manure spreader, new-bell saw mill never used will cut up to 18" thick and new saw blades, J.D. FB-B drill, 2 row McCormick Deering corn planter, New Idea cycle bar mower, Wood Brothers single row corn picker, farm wagon, old farm wagon with steel wheels, Sears corn sheller, rear mt. saw for 3 P.T., home made dump wagon, pull harrow 3 P.T., culipacker, garden harrow, shovel plow for 3 P.T., old disk, very old #10 chop mill, old 2 hole corn sheller belt driven with electric motor, old fur plow, 2 pcs. of track for saw mill, 2 old wooden drill wheels, chains for Ford 8N, 13-6-28 tires, lawn sweeper, milk cans, lumber piles, 4 bundels of wood shingles, TSC Hydraulic wood splitter, wood lathe and bench, butcher kettle and stirrer, hydraulic cylinder, gas and diesel tanks, and more.

CORVAIRS

1964 Corvair convertible, 1964 Corvair, 1962 Corvair needs transmission, 1967 Corvair. These cars are high millage but most are restoreable. Please be on time. Sale will go fast.

Not responsible for accidents on sale day.
TERMS: Cash or Good PA check- Refreshments available.

Owners,
Mr. & Mrs. Warren K. Grove Sr.
PH: (717) 244-4936
Bradley K. Smith, Auctioneer
Lic. #860 Ph. 927-9649 or 246-1770
Samuel S. Laucks, Jr., Attorney

Sale Reports

A Public Auction of valuable antiques was held May 9 by Frances E. Granquist, 15 miles north of Troy in Bradford Co., Pa. There were about 300 people at the sale

Some prices received were: lawn mower $560, Majolica spitoon $175, set of 9 rabbit dishes $270, animal trap $30, sugar bucket $75, waffle iron $22.50, platter $70, two butter churns $75 & $100, yarnwinder $140, brass candle holder $47.50, hanging light $230, corner cupboard $260, kitchen cupboard $220, cradle $255, drop-leaf table $420, dog-shaped bottle $50, teapot $40, cow bell $200, reverse glass painting $135, wooden shovel $175, set of Haviland china for 8 $330, school bell $55, rocking horse $345, blanket chest $510, wool rug $150, desk $410, jelly cupboard $320 and dry sink $625.

Sanford G. Leaman was the auctioneer.

XXX

A Public Auction of antiques and farm machinery was held May 9 for Mrs. Charles (Faye) Ness, 95 Benedick Road, north of Dover, Pa.

Some prices were: toy picture blocks $100, Carnival 3 footed bowl $130, Silvertone phonograph $100, German accordian $30, dove-tailed blanket chest $70, 3 pc. oak bedroom suite $740, tear-drop pull bedroom suite $360, David Bradley elevator $100, J.D. B tractor $470, A.C. WC tractor $175, Case 430 D tractor with loader $2325, Case 3 pt. 3-B plow $110 and copper ladle $25.

Blaine N. Rentzel was the auctioneer.

XXX

A Public Auction of farm equipment was held May 9 by Barry and Kathleen Lucey, 12003 Penn Terra Lane, Thurmont, Maryland.

Some prices were: Int. 1466 D tractor $5000, Int. 706 D tractor w/front end loader $5300, 2 Int. 560 D tractors averaged $3800 each, N.H. 489 haybine $4000, N.H. 850 round baler $3900, Int. semi-mounted 416 plow $1100 and 2 - 18 ft. farm built hay wagons $1100 each.

Willowdale Auction Co. conducted the sale.

PUBLIC AUCTION

Val. Household Goods, Antiques, Collectors Items, Tractor, Tools, Etc.

(Owners moving makes sale necessary) 3 miles N. of Montoursville, Pa. off Rt. 87 near Farragut.

MON., MEM. DAY, MAY 27, 1987

Starting 10 AM

Brief listing follows:

Large quantity of household furnishings, many antiques, collectors, etc.: 1947 AC B Tractor - real sharp; JD 8 hp snowblower; Rem 760 & 721 30-06 rifles; Springfield 67E; Win 52 22L; Win 94 pre 64 32; other guns; there will be many items at this auction-all items have been well kept & clean. Plan to attend.

Owners

FRED & MARY BASEHORE

Conducted by Fraley Auction Co.
(717) 546-6907
For full list call Auct. Co.

ABSOLUTE PUBLIC REAL ESTATE AUCTION

WEDNESDAY, MAY 20, 1987
6:30 P.M. SHARP!

This valuable farm will sell to the HIGHEST BIDDER; 66 Acres + or - White Deer Valley Farm; 2/10 Mile N. of Elimsport, Lycoming Co., PA, Fronting on Rt. 44.

PUBLIC INSPECTION
WEDNESDAY, MAY 6, 1987
6:00 P.M. to 8:00 P.M.

66 Acre plus or minus tillable farm in a high state of cultivation, fenced, Washington Silt & Clarksburg Silt Loam soil, land 3 to 8% slopes, entire farm planted in grass and legumes Well water - 2 yr old pump. On site septic

HOME — remodeled 2½ story frame house, private setting, back farm lane, excellent view, 4 bedrooms, living room, dining room, full bath, country kitchen, full basement, attic, front & back porch. Maintenance free aluminum siding. 2 yr. old BB hot water oil fired heat.

FARM BUILDINGS — 104 x 60 metal pole barn, 58 x 32 metal pole shed, 2 story frame bank barn w/large partially enclosed cattle confinement lot, various large cattle pens, 1,200 bushel metal corn crib.

This farm is well kept, giving you the opportunity to select the type of farming you desire, whether it is Beef, Horses, Chickens, Veal, Vegetable or Crops.

TERMS: $5,000 down the day of auction, balance of cash in 30 days. The property will be sold to the **HIGHEST BIDDER.** Statements by Auctioneer On Auction Day Take Precedence Over Printed Matter.

See your favorite lender right away . . . Get your loan committment so you will be ready to buy . . . At your price . . .

For complete information and appointment to inspect the property contact:

by Rell Auction

AUCTIONEERS & REAL ESTATE BROKERS
Bernard D. Rell
Real Estate Broker
Auctioneer AU001844L

Carl Nolan
Real Estate Broker
Auctioneer AU002133L
252 Allegheny Street,
Jersey Shore, PA 17740
(717) 398-7316

PUBLIC AUCTION

SAT., MAY 30, 1987

9:30 A.M.

PRODUCE STAND EQUIP.- VEGETABLE FARM EQUIP.- ANTIQUES- GUNS

10015 BIRD RIVER ROAD BALTIMORE, MD. (White Marsh Area)

LOCATED: Rt. 40, 2 Miles East of Rt. 695 (Northeast Baltimore), Turn Right on Middle River Rd. to Bird River Rd. on Left. If coming South on 40, Turn Left on Middle River Rd. to Bird River Rd. on Left. Watch for Signs.

7 TRACTORS AND EQUIPMENT

John Deere 3010 Utility Diesel - Power Steering, 3 Pt., Remote Control, Farmall Super M w/3 Pt., Live Hydraulic and 3 Pt. Hitch, Farmall H Tractor w/Hydraulic, 4 Farmall Cubs - 3 w/Hydraulic, 1 Hand Lift, Ferguson 20 Tractor w/3 Pt. 6 Ft. and 3 Pt. Blade, Cultivator for Farmall Cubs, Side Dresser for Farmall Cubs, Vegetable Planters, Dusters, Transplanter, Onion Planter, Weeders, J.D. 3x14 3 Pt. Plow, 2 J.D. K.B.A. 28 Blade Discs, 125 Gal. Sprayer - Pull Type, Agrotec 3 Pt. Sprayer w/125 Gal. Tank, Woods C80 Pull-Type Rotary Mower, Land Roller, Farm Trailers, Ferguson 3 Pt. Disk, 3 Pt. 1 Bottom Plow, Ferguson 2 Bottom 3 Pt. Plow, 2 J.D. Hydraulic Cylinders, 900-1000 Ft. Irrigation Pipe, Elbows and Sprinklers - 2", 2-3 Pt. Carryalls, 250 Gal Fuel Tank, J.D. 246 2 Row 3 Pt. Corn Planter, 200 Crab Baskets, ¼x½ Bushel Baskets, Peck Baskets, Bean Hampers, Berry Boxes, New 4 Ft. Gandy Applicator, Simplicity Garden Tractor w/Cultivator and Snow Plow, Rototiller, Hillers, 3 Pt. Drawbar, Top Links, Cub Belt Pulleys, 3 Storage Trailers, Freezer Box - 6x8, Freezer Body w/Unit 8x18, Shelving, Etc.

SHOP EQUIPMENT

Shop Air Compressor, Oil Portable Heater, Electric Welder, Acetylene Tank, Gauges and Cutting Tips, Hydraulic Jacks, Chain Hoists, Radial Arm Saw, McCullock Chain Saws Model 142 and 320, Bag Trucks, Tow Chains, Tire Chains, Bolts, Air Grease Gun, Blacksmith Anvil, Pipe Cutters - Threaders - Wrenches, Impact Wrenches, 3/8 and ½ Drills, Can Hooks, 3 Propane Scare Guns, I Beams.

ANTIQUES

Wooden Pulleys, Horse Collars and Hames, Cross Cut Saws, Buck Saws, Drawing Knives, Wooden Butter Churns, Wooden Planes, Ice Tongues, Sad Irons, Block and Fall, Lantern, Hand Planters, Milk Cans of Various Sizes, Hand Augers, Drills, Butcher Sturn, Cast Iron Pots, Scales, Hog Scraper, Dehorner, Cow Bell, Paper Roll Dispenser, and Etc.

GUNS

12 Ga. Single Barrel Victor w/Demascus Twist Steel Barrel, Black Powder; 22 Remington Rolling Block; 1100 Remington Automatic 12 Ga.; 1960 Ford 350 Truck; 1961 Ford 60 Series w/14 Ft. Van Body - 2 Speed Rear, 30,000 Orig. Miles.

TERMS: CASH OR GOOD CHECK; FULL SETTLEMENT SALE DAY; NOT RESPONSIBLE FOR ACCIDENTS

SALE CONDUCTED FOR:

LEO ROHE
10015 Bird River Road
Baltimore, MD 21220
(301) 687-0608

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412

Public Auction Register

MAY

SAT. MAY 9 & 16 - 10AM E.T. Chambers Builder & General Contractor, 513 Prospect Ave, West Grove, PA, just off U.S. Rt 1 Harold S. Hill & Son, Inc

WED, THURS., FRI., SAT MAY 13 thru 16 - 7PM Wed.; 9.30 a.m each following day Horsedrawn Carriages, Sleighs and Antiques At Martin Sales Pavilion, 2 mis. E. of Intercourse on corner of Rt 340 and New Holland Rd, Lanc Co, PA Martin Aucts

WED, THURS, FRI., SAT MAY 13 thru 16 - 9:30AM Estate of Elliotte Neth, Coal Center, PA Take Rt 70 W. from New Stanton to Speers Exit (#16) J L Henry & L H Kuznik, Aucts.

FRI. & SAT MAY 15 & 16 - 264 Head Grade Dairy Cattle, Farm Machinery, Milk & Ice Cream Processing, Restaurant, Baking & Retail Store Eq. Bradford & Tioga Counties, PA. Between Troy, PA, & Elmira, NY. Ordered by Dr. John Sbarbaro Louis Traiman Auct. Co.

FRI. & SAT. MAY 15 & 16 - 2PM & 9AM Respectively Furniture, Glass, China, Paper, Metal, Lamps West Shore R.R. Station, Third Street, Mifflinburg, PA. Edith Erdly, Owner Bill Mattern, Auct.

FRI. & SAT. MAY 15 & 16 - 7PM & 8.30AM Respectively Farm Toy Show & Auction at Lebanon Fairgrounds, S of Lebanon, PA, off Rt 72 on Evergreen Rd. Less than 10 mis. N. of Turnpike Exit 20 Near I-81

SAT. MAY 16 - Farm Toy Consignment Auction at Lebanon Fairgrounds 5PM. Toy Show Friday Evening and Saturday daytime Dale Stoltzfus, Auct. 717-426-3554.

SAT MAY 16 - Lititz Baptist Spring Benefit Auction Consignments accepted, 717-627-1418

SAT. MAY 16 - 9AM Goodville Ladies Auxiliary and Fire Co. Community Sale at Goodville Fire Hall, Rt. 23 between Blue Ball and Morgantown, PA.

SAT. MAY 16 - 9AM HH, Antiques, Butcher Tools, Farm Mach. & Truck. Perry Co., approx. 5 mis. E. of Landisburg, PA, off Rt. 850 at Albright's Dairy Farm, 1 mi E. of Alinda on Page Hill Rd., go E. approx. 2½ mis., turn on GreenBriar Rd., 1st farm. Brady T. Baughman, Owner. Kling's Auct. Service.

Public Auction Register

SAT. MAY 16 - 9AM Woodworking Machinery, Antiques, Furniture, Collectibles, Train Items, etc. Located boro of Cross Roads, PA. Jeffery A. Schock, Owner. Bob & Tom Sechrist, Aucts.

SAT. MAY 16 - 9AM Antqiues, Clocks, Barber Pole, Coin Game Machines, Furniture, HH, etc. 421 W. Bertsch St., Lansford, PA. Formerly known as Strauss's Garage. Houser Aucts.

SAT. MAY 16 - 9:30AM Real Estate, Farm Mach., Small Tools & Eq., HH, Antique Furniture, Dishes, Collectibles. Approx. 10 mis. N. of Harrisburg along Rt. 325, Clarks Valley Rd., Middle Paxton Twp. Take Rt. 225 at Dauphin, turn E. onto 325, proceed approx. 2 mis. to sale. Estate of Thelma J. Fetterhoff. Ed Shoop & Dave Deibler, Aucts.

SAT. MAY 16 - 9:30AM Antique Auction. Harold Mundy. Rt. 202, 3 Bridges, NJ. South bound lane between Summer Rd. & Honda. Art Hanna, Auct.

SAT. MAY 16 - 9:30AM Eberly's Butcher Shop, 267 Wilson Court, Yoe, York Co., PA. Blaine N. Rentzel, Auct.

SAT. MAY 16 - 9:30AM Backhoe Truck, Backhoe, Knuckleboom Truck, Trenchers, Trucks, Trailers, Vehicles. Northern Illinois Gas, Aurora, IL. Vilsmeier Auct. Co., Inc.

SAT. MAY 16 - 9:30AM Prod. Digger, Backhoes, Trucks, Trailers, Forklift, ATV, Vehicles. Public Service Electric & Gas, Edison, NJ. Vilsmeier Auct. Co. Inc.

SAT. MAY 16 - 9:30AM Farm Eq., Potato, Poultry & Butcher Eq., HH, Antiques. 3 mis. E. of Landisburg, Perry Co. along Rt. 74. P. Paul & Nellie M. Beichler, Owners. Art Rife & Stanford Lay, Aucts.

SAT. MAY 16 - 10AM Antiques, Collectibles, HH, Shop Items, Lawn & Garden & Outdoor Items. North off Rt. 322, 7 mis. E. of Newport at the Watts Twp. Exit onto Huggins Rd. for 2½ mis. to auction site. Mrs. Harold Trimmer, Owner. Dale L. Longacre Auct.

SAT. MAY 16 - 10AM Benefit Auction for Welsh Mountain Home. HH Goods, Antiques, Tools, Coins & Toys. Between White Horse & East Earl on Rt. 897, Lanc. Co., PA. Robert E. & Jeffrey R. Martin, Aucts.

SAT. MAY 16 - 10AM Farm Eq. & HH. Between Reading & Morgantown, Berks Co., PA. From Rt. 10 take Maple Grove Rd. W. to Diehl Rd., turn left to property. By: Ross R. & Hannah M. Oatman. Horning Farm Agy., Inc.

SAT. MAY 16 - 10AM Farm Machinery, Related Items, Butchering Eq., Sleigh & Antiques, HH. Snyder Co., 5 mis. W. of Middleburg, off Rt. 522 at Royers Bridge, along Creek Rd. and 3 mis. N. of Beavertown off Rt. 522 at Covered Bridge Rd. Mr. & Mrs. Norman Hassinger, Owners. Bryan D. Imes, Auct.

SAT. MAY 16 - 10:30AM Brick Home, Antiques, Carpenter Tools, Personal Property. Located E. end of Adamstown, just off Main St., top of hill along old Lancaster Pike. Terms by: Marlin R Zerbe, Executor for the Howard Zerbe Estate. LeRoy S. Horst, Auct.

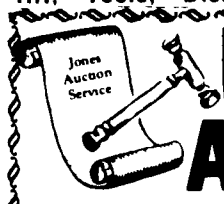
SAT. MAY 16 - 10:30AM Haight Orchards Complete Orchard Machinery & Equipment Dispersal. On Hardscrabble Rd., Exit I-684 at Exit 8, right on Hardscrabble Rd., ¼ mi. to farm in Croton Falls, NY. D. Luther, Sale Mgr.

SAT. MAY 16 - 11AM 2 Parcels of Real Estate. Between Morgantown & Reading, Berks Co., From Rt. 10 take Maple Grove Rd. W. to Diehl Rd., turn left to property. Terms by: Robt. E. Wilson. Horning Farm Agency, Inc.

SAT. MAY 16 - 11AM Farm Machinery. Rt. 50 W. from Winchester, VA, to Capon Bridge, WV. Turn left on Christian Church Rd., ¼ mi. to dirt road on left, up hill, approx. 1 mi. to farm. FmHA, Fred G. Reading, Jr. Foltz Auctions, Inc.

SAT. MAY 16 - 12 Noon HH, Tools, Dishes, Utensils, etc. Directly across the road from Western Wayne Football Field. Between Waymart, PA. and South Canaan, PA. Mrs. E. Katherine Upright, Lake Ariel, PA Jack Bunnell, Auct.

SUN. MAY 17 - 9:30AM 1st Annual Pleasant Valley Fire Co. Train & Toy Show at Pleasant Valley Fire Hall, 2030 South Pleasant Valley Rd., Westminster, MD.



PUBLIC AUCTION

SATURDAY, MAY 23, 1987
9:30 A.M.

Located 4 miles Southwest of Port Trevorton, Pa., Snyder County, Union Twp. 7 miles South of Selinsgrove. DIRECTIONS- turn at Port Big-T Tastee Freeze and Brubaker's Car Wash, continue 2 miles, turn left, then continue 1½ miles bearing left at both intersections to auction site. (Follow auction arrows from rts. 11 & 15 day of auction.)

REAL ESTATE

3 acres more or less Farmette, thereon erected a 2½ story frame dwelling with aluminum siding having kitchen and living room on first floor, 4 bedrooms on second floor heated with Miller oil room heater. Front and rear porches. Smokehouse, toilet, cinder-block hog pen. Beautiful country setting, located in Mennonite neighborhood close to schools and churches. Plan to inspect, arrange your financing and be prepared to bid.

TERMS: 10% down day of sale - balance due in 30 days. Further terms & conditions to be announced when Real Estate is offered at 12 noon.

For information or inspection Phone (717) 837-3850

ANTIQUES - COLLECTIBLES

Oak Serpentine Front Washstand, Towel Bar, Applied Carvings; Oak Wastlake Buffet Base; Oak Chest of Drawers w/Mirror; High Chair; Iron Bed; 3 pc. Bedroom Suite w/Inlaid Wood, Wrap-Around Footboard; 4 Plank Bottom Chairs; Mantle Light; 1 Old Quilt; 2 New Quilts; Flowered Feed Bags; 2 Tin Rabbit Toys Pushing Carts; Crocks; Shaving Mug Marked Germany; Homemade Rugs; Copper Wash Boiler (painted); Round Oak Table (veneer buckled); Library Table; Depression Glass; Peanut Butter Glasses; Cedar Chest; Doilies; Dresser Scarves; Cast Iron Frying Pans; Many Other Items Of Interest.

HOUSEHOLD

Whirlpool 2 Door Ref. Freezer (6 mo. old); Westinghouse Electric Dryer; Speed Queen Wringer Washer; Oak Ext. Table w/6 Chairs; Prizer 20" Gas Stove; Quaker Kerosene Room Heater; RCA XL100 Color TV (less than 1 yr. old); Tappan Microwave; Microwave Stand; Boston Decorated Rocker; Decorated Rocker by Honning of Ephrata; Sentry Safe; Free Westinghouse Sewing Machine; Modern Corner Cupboard 38"x7'; Rocker Recliner; Sofa Bed; ¾ Metal Bed w/Springs and Mattress; Metal Wardrobe; 3 Electric Heaters; 2 Door Metal Cabinet; Eureka Upright Sweeper; Panasonic AM/FM Radio w/Cassette; 3 Pressure Cookers; Farberware Pots & Pans; Small Kitchen Appliances; Step Stool; Corning Ware; Pole Lights; Window Fan; Lawn Chairs; Folding Table; Blankets; Bedding; Corn Dryer; Ceramics; Adj. Quad Cane; S.S. Bowls; Clothes Tree.

Atlas 3½ h.p. Self-Propelled Rotary Lawn Mower; Greenbrier 22" 3½ h.p. Self-Propelled Lawn Mower; Wizard 18" 3 h.p. Rotary Mower; 3 gal. Sprayer; Rubber Tire Wheelbarrow; Aluminum Scoop Shovel; 2 Butcher Kettles; (2) 3 Foot; Meat Saw; Meat Hooks; B&D 3/8" Variable Speed Drill; Carpenter Hand Tools.

GUNS

Flite King Deluxe High Standard 20 ga. Pump w/Vent Rib; Savage 410 Pump w/Vent Rib Model 30; Win. 22 Pump Model 270; Harrington & Richardson 12 ga. Single Shot; 5 Gun - Gun Cabinet w/2 Drawers.

TERMS: Cash or PA Check
Lunch

OWNER,
MRS. PETER J. (Mary Alice) WATTS
Power of Attorney, Herbert Watts

Attorney - Thomas C. Clark
Mark J. Jones Auctioneering Service
Ph. (717) 286-0052 - License #AU1595-L
Ernest Enders - #AU1295-L

FARMERSVILLE AUCTION

TUESDAY, MAY 19, 1987
1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Sale. See Lanc. Newspaper Sat., May 16 for listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Commission Rates
Any item over $100 - 10%
Any item under $100 - 15%
No Buyers Fee!
Pay out night of sale.

Auctioneer: Larry Rutt
AU-2455-L

Consignments being accepted for our Memorial Day Antique Sale.

REAL ESTATE & FARM EQUIPMENT
SATURDAY, MAY 23, 1987
Starting at 10:00 A.M.

Location: R.D. #1, Allenwood, Pennsylvania - At the junction of Route #15 & Route #54 at yellow blinking light - turn west towards Elimsport, proceed to Township Route #41004. At our sign - turn south 1.5 miles. Farm on left Our sign.

8 ton 9'x24' Gehl rubber tired wagon, I.H. 80 Combine 7' PTO, Wagon Gear, 8 row Boom PH 200 gal. FG Sprayer, Gehl 1400 round roll Baler PTO, New Hollard #479 Haybine 9' cut PTO, New Holland 24' Elevator on rubber, 7' front end Loader Bucket, 2 Wheel Trailer, 9' New Holland #258 5 bar side delivery Rake, 700+ New Building Bricks, International #555 w/2 row Corn Heat & Hay Heat PTO, 12' Spring Tooth Harrow, John Deere 12' Transport Harrow Roller/Mulcher, International D15 12' Disc on rubber, New Holland #717 Forage Harvester w/hay head & corn head, 8' Disc, I.H. #550 5/16" bottom Plows semi mounted, I.H. 2 row fast hitch Cultivator, New Holland Wagon Gear - good rubber, McCurdy 200 bu. Wagon Bin, 2 I.H. 56 Blowers PTO w/8" pipe, Gehl Forage Box Wagon, I.H. Super M.T.A. 50 HP Tractor - good rubber, I.H. Super H Tractor, New Holland #214 w/PTO, I.H. 2001 Loader dbl. action hydraulic, Chuld 3T Feed Bin - electric unloader, Wie 8 HP Gas bedding Chopper, Feed Cart on rubber, Weaverline #330 battery operated Silage Cart, Platform Bag Scales, 300 gal. gas skid Tank, 275 gal. Fuel Oil Tank, 8' iron Hog Trough, Sears 2 HP Air Compressor, New Holland #352 Mixer/Grinder PTO, Electric Drag Elevator, Misc. Shop Items, Milk Cans, 38' Elevator w/2HP motor on rubber, 3 pt. hitch Scraper Blade, Vicon Broadcaster Fertilizer Spreader, International 6' Rotary Mower, Century Sprayer 300 gal. 3 pt. hitch, New Idea Manure Spreader 80 bu., PTO Winco Generator on rubber size 35,000/phase 120-240 volts.

TERMS: Cash or Good Check with Letter of Credit Day of Sale.

CENTURY 21 RELL REAL ESTATE (Auction Division) will offer the Real Estate at 11:00. 93 Acres ±, Dairy Farm with 8 year old home, Bank Barn, Milk House, Silo & Calf Pen.

Owner:
JOHN & BERNADINE DANGLE
Lunch will be served.

by **Rell Auction**

Auctioneers & Real Estate Brokers
Bernard D. Rell
Real Estate Broker
Auctioneer AU001844L
Carl Nolan
Real Estate Broker
Auctioneer AU002133L
252 Allegheny Street,
Jersey Shore, PA 17740
717-398-7316

AT PUBLIC AUCTION DELTA EQUIPMENT CO.

1776 N. 5th St., PHILA., PA.

WEDNESDAY, MAY 20, at 10 AM

FEATURING NEW

(12) Delta Vertical VS & BD Millers (30) 15 17 & 20 Delta VS Floor Drills Delta 20" Bandsaws Clausing Colchester AM Turnmaster Feeler Maximat Super II & Tuda Lathes Scotchman & Giariu Hydraulic Ironworkers Wells & Johnson Horizontal Bandsaws, (50) 3 & 4 Jaw 5 To 16' Chucks (250) ½ To 60 HP New & Used Motors, Enco Surface Grinders Millers Drills & Saws Bierly Tool Grinders
HORIZ & VERT MILLERS Bridgeport Delta, Cincinnati Index & Sheldon Etc
SAWS ML DoAll Vert Bandsaws 20' Delta Bandsaws Hacksaws Abrasive Cut Off, Etc
GRINDERS, Reid & DoAll 6x18 Surface B & S Thompson Boyar Shultz & K O Lee Bierly Drill Grinder, Etc
PRESSES Rousselle Deep Throat OBI #19 Bliss OBI #33 Perkins OBI Benchmaster & Alva Allen 2 to 5 ton Kick Presses Etc
LATHES 15 & 10' Cincinnati Hydrashift 13" & 10" Sheldon 17' 15 & 14' Clausing 17" & 14" American 14' Monarch 18 Sigma 9' South Bend #3 & #5 Gisholt Turret Etc
IRONWORKERS m/314-C6 Scotchman & Dvorak Etc
DRILLS 15" 17', 20' & 24" Floor & Bench 5' Fosdick Radial Etc
MISCELLANEOUS Clark Electric Lift Truck & Charger 36 Niagara Rolls & Brake Hardness Tester Chain Hoists Files Vises Chucks Dividing Heads Etc

INSPECTION:
Monday & Tuesday, May 18 & 19
from 10 AM to 3 PM
CALL FOR FREE ILLUSTRATED BROCHURE

Henry S. Nemrod Associates
107 N Highland Ave Bala Cynwyd, PA 19004
Phone (215) 627-6100
AUCTIONEERS LIQUIDATORS APPRAISERS
PA AUCTIONEER'S LICENSE NO. AU000678L

PUBLIC SALE

SATURDAY, MAY 23, 1987
TIME: 10:00 A.M.

LOCATED: 1 mile north of Shippensburg, Pa., Cumberland County, on Rt. 11; at Leinbach's Farm Market.

SHOP EQUIPMENT & TOOLS

Overhead shop crane; Walker-Turner 15 in. band saw; Rockwell wood lathe, with set of chisels; metal cutting horizontal band saw; Fenway elec. 10 gauge sheet metal nibbler; 2 Miller mig. CP200 welders, without feeder; concrete block cutting saw; 1 ton chain hoist; welding tables; 12 h.p. Wisconsin propane gas engine with 12v starting system; new 7 h.p. Honda engine with 2 to 1 reduction auto clutch; I.B.M. & Simplex time clock; Homelite chain saw; many electric motors; pulley display; new and used V pulleys; new and used electric parts; floor fans; conveyor; power washer; used building material; new steel; various sizes and lengths; **brand new - log chains;** Handyman jacks; hitch pins; New Holland mower-conditioner parts.

BLACKSMITH & HARNESS TOOLS

Tire shrinker; tire bender; Atlas mandrel press; **Singer #7-14 harness stitcher, good cond.; Singer 236-125 upholstery stitcher, good cond.**

ANTIQUES

Milk cans; wagon jack; Toledo dial face platform scales; furniture press.

FARM EQUIPMENT

New plastic mulch layer; Oliver 3 pt. 2 row cultivator; 1 row 3 pt. cultivator; mechanical 2 row 3 pt. tomato planter; J.D. sub soiler; M.F. 3 pt. 2 row corn & vegetable planter; 180,000 BTU propane greenhouse heater; irrigation pump; 40 ft. 2-in. hose; International 3 pt. 1 row potato planter; 2 new head gates; p.t.o. shafts; heavy duty auger; electric power jack; Berthoud backpack sprayer; wagon load of small items; wheel & trailer parts; **p.t.o. wood splitter w/hyd. & trailer mounted.**

STORE & BUTCHER EQUIPMENT

Toledo meat grinder; 3 horse single phase motor; large iron kettle; steel jacket propane burner, good cond.; poly cutting board; lard press; ice maker; water coolers; coffee maker; S.S. countertop sink; store shelving; groceries and new clothing.

AUCTIONEER NOTE: Mr. Leinbach will be moving his business to a new location, making it necessary to have sale, May 23. Many items not mentioned but valuable. Regular hay sale at 12:00 noon.

TERMS: CASH OR GOOD CHECK.
Not responsible for accidents.
Lunch at sale.

Owner: **Paul Leinbach**
Shippensburg, Pa.
717-532-5511
Auctioneers: Lamar Sensenig, AU 1803
Rick Foreman, AU 1163
Kevin Wickard
Clerks: Leinbach & Foreman

PUBLIC AUCTION

Saturday, June 27, 1987

at 9:30 a.m. Sharp
R.D. #2 Danville, Pa. 17815
(Turn off Route 254 One Mile East of Washingtonville and Five Miles West of Jerseytown (Montour County); Follow Auction Signs)

BAKERY ITEMS

Large "Vulcan" Oven; Hydraulic Driven Dough Sheeter with 9' Conveyor and 2 Dough Mixers, both with attachments; Hydraulic Motors; Full Line of Baking Equipment.

ANTIQUES, HOUSEHOLD, MISC. ITEMS

Terms: Cash or Good Check

Seller:

Christ F. and Rebecca S. Lapp

Pastries and Lunch Available

HOCK'S AUCTION SERVICE
—Auctioneers—
Donald E. Hock—AU-001196-L
784-7849
George J. Henry—AU-001528-L
799-5351

PUBLIC SALE

of
ANTIQUE DWELLING, FINE ANTIQUES & HOUSEHOLD GOODS

SATURDAY, MAY 23, 1987
SALE TIME: 9:00 A.M.
REAL ESTATE: 2:00 P.M.

Located at 129 S. State St. (Rt. 772) Brownstown, West Earl Township, Lanc. Co., Pa.

6 ACRES 136 PERCHES
ANTIQUE STONE DWELLING & STONE/FRAME BANK BARN

STONE DWELLING- living room, dining room with fireplace, kitchen w/built-in corner cupboard, foyer w/open stairway. 4 bedrooms (1 w/fireplace & lg panel-door closet on 2nd floor)
ATTACHED STONE SUMMER KITCHEN has walk-in fireplace area, open beams
FRAME SPRING HOUSE, w/walk-in fireplace area
LG STONE/FRAME BANK BARN, Garage/ workshop
This fine "Country Style" stone dwelling has many possibilities for future restoration
LOT SIZE- 6 Acres 136 perches.
Information or inspection call 656-6477

ANTIQUES
ANTIQUE GRANDFATHER'S CLOCK

High Back Dry Sink, Antique Slant Top Desk, MARBLE TOP BEDROOM SUITE, 3 Bedroom Suite, 6-Pc Bedroom Suite, Marble Top Table, Ladder Back Chairs, Arrow-back Chairs, Fiddle-back Settee, Feathered Blanket Chest, Grained Blanket Chest, Drop Leaf Table, Woodbox, Pa Farm Table, Victorian Love Seat, Oak Ext Table, Jelly Cupboard, Foyer Table, Empire Bureau, Stacked Bookcase, Oak Parlor Table, Oak Bookshelf, Oak Youth Bed, Oak Pressed Back Chairs Walnut Tilt Top Table, Wash Stands, Gilded Mirror, Cane Seat Chairs, Reed Chair, Primitive Hanging Shelves CLOCKS- Weighted Shelf Clock, Gingerbread Mantel Clock, Mantel Clock, MINIATURE WEBBER TYPE BOX, Walnut Shelves, Miniature Walnut Chest, Picures & Frames, Wallace Nutting, Brown's Indian Herb Bitter Bottle, KEROSENE HANGING LIGHT, Chandelier, Kerosene Lamps, Baskets, Wooden Measure, Slaw Board; Paperweight

Wool Spread, Antique Quilts, Quilt Tops, Comforters; Homespun & Crocheted Spread, Old Clothing; Beaded Purses, Rag Carpet, Sterling, Old Books, Advertising Items

Ironstone Pitcher & Bowls, Ironstone Teapot, "CHAPOO" Flow Blue Plates, Cups & Saucers, Gaudy "Strawberry" Plate, "Rhoda Gardens" Flow Blue Bowls "Tyro" Plate, Game & Eagle Plates, Opalescent - Pink Overlay PRESSED & PATTERNED GLASS, Carnival, Depression, Milk Glass, Condiment Set, Pewter Spoons, Stoneware Crocks & Jars - Blue Markings, Redware, Decorated Seed Chest, Painted Tinware, Iron Kettle, Tremmel, Pitcher Pump, Corn Sheller

TERMS BY:
KATE M. HARTMAN

AUCTIONEERS:
T. Glenn Horst, AU000438L
717-859-1331 - 717-738-1245
Timothy G. Horst, AU001767L
Thomas A. Horst, AA001690L
J. Marlin Shreiner, Atty.

Public Auction Register

MON. MAY 18 - 4PM Farm Eq., Collectibles, HH. Along Galen Hall Rd., Fritztown, Berks Co., PA. Rt. 897 to Reinholds, turn E. onto Fritztown Rd. to Fritztown turn left onto Galen Hall Rd. By: James W. & Virginia G. Stolz. T. Glenn Horst, Auct.

TUES. MAY 19 - 7PM Real Estate 3½ acres zoned Lt. Industrial. Formerly Birdsboro Iron Foundry, Rt. 724, Monocacy, Union Twp., Berks Co., PA. Kenneth A. Geyer Auct. Co., Inc.

WED. MAY 20 - 10AM Consignments Now Being Accepted. Associated Builders & Contractors (Anne-Arundel Southern Maryland Chapter), Crownsville (Annapolis), MD. Vilsmeier Auct. Co., Inc.

WED. MAY 20 - 4PM Antiques, HH, Farm Eq., Truck. 3290 S. Salem Church Rd., York, PA. W. of York off Rt. 234, turn N. on S. Salem Church Rd. 1 mi. to Sale on left. For: Walter W. Ruppert. Blaine N. Rentzel, Auct.

WED. MAY 20 - 4:30PM Antiques, China, Glassware, HH, Machinist Tools. 206 W. Franklin St., Ephrata, Lanc. Co., PA. Terms by: Emanuel Weaver. T. Glenn & Timothy G. Horst, Aucts.

WED. MAY 20 - 6PM Gun Auction, Spring City, PA. Barry Hurchalla, Auct.

WED. MAY 20 - 6:30PM 66 Acres ± White Deer Valley Farm, 2/10 mi. N. of Elimsport, Lycoming Co., PA, fronting on Rt. 44. By: Reil Auction.

THURS. MAY 21 - 10AM Real Estate, Farm Machinery, Cars. Red Lion, PA. From square in Red Lion take S. Main St. past Jerry's Food Rite on Red Lion-Felton Rd. apx. 1 mi. to Grove Rd. then turn right and go straight apx. 1 mi. to farm on left. Mr. & Mrs. Warren K. Grove, Sr., Owners. Bradley K. Smith, Auct.

THURS. MAY 21 - 10AM Farm Macinery for Milton Myers. On Rt. 313, 10 mis. E. of Quakertown. In Dublin turn E. onto Rt. 113 for 4 mis. then onto Fretz Valley Rd. past Bedminster Elem. School. James W. Mohr.

THURS. MAY 21 - 12 Noon Delriview Farm Reg. Brown Swiss Auction of 86 Head. Rt. 621 N. the P.burg-Brainards Rd. (River Rd.), 4 mis. N. of Phillipsburg, NJ. Raymond Canti, Owner. Managed by: Col. Fred R. Daniel. Mel Manasse, Auct.

THURS. MAY 21 - 6PM Miscellaneous Building Supplies. Located Weaverland Mennonite Church along Rt. 897, 1 mi. N. of Blue Ball. Nevin Martin & Lewis Groff, Aucts.

FRI. MAY 22 - 10:30AM 232 Holteins VA Milk Base, Dairy Eq. Edge Mont Farm, Bruington, VA. George R. Griggs and the Estate of George R. Griggs, Jr. Ownby Auction & Realty Co., Inc.

FRI. MAY 22 - 11AM Annual Spring Heifer Sale of Reg. & Grade Heifers Due May, June, July Ulysses, PA, Potter Co., on the Loucks Mills Rd. Bailey-View Farms, Owner. Pirrung Aucts., Sale Mgr.

FRI. MAY 22 - 4:30PM Antiques, Collectibles, HH, Quilts, Butcher Eq. Turn off Rt. 61 near Farm Credit office onto Zions Church Rd. for approx. 2 mis. and left onto Dreibelbis Mill Rd. for 1 mi. to sale. Windsor Twp., Berks Co. For: George Schappell. Kenneth P. Leiby, Auct.

FRI. MAY 22 - 6PM Maryland National Angus Sale at Mar Lee Farms, Woodsboro, MD.

FRI. MAY 22 - 7PM Complete Registered Milking Herd and Bred Heifer Dispersal for Ron Cartey, New Jersey. To be held at Smoketown Quality Dairy Sales, Smoketown, PA, Rt. 340E.

THURS., FRI., SAT. MAY 21, 22, 23 - 6:30PM Antiques, Crocks, Quilts, Prints, Sawmill, Wood & Metal Shop Eq., Farm Mach. Estate of Charles E. Jackson. Located O'Neills Auct. Gallery intersection of MD Rt. 24 w/Jarrettsville Rd. in the village of Forest Hill. From US Rt. 1 bypass take MD Rt. 24 Exit N., 3 mis. to Gallery.

Public Auction

Estate Of Beatrice A. Shawver
Household- Guns- Tools- Car- Machinery
Saturday, May 23, 1987
At 9:00 A.M.
Located 1 Mile West Of Lewistown, Pa., Along Route 22, Next To The Bierhaus.

Guns And Household

Win. 12 ga. model 12 shotgun, Win. model 70-338 Mag. w/var. scope, custom made 243 varmit/target rifle w/set trigger and 15-X scope, Rem. 222 model 722 rifle, Stevens 22-410 over and under, Mossburg bolt action 20 ga. shotgun, 10 gun cabinet, reloading dies, press, etc.

Car- Cat- Machinery

1979 Ford LTD 2 door sedan run 59,000 miles, Caterpillar D4 cat run 2970 hrs. w/blade and winch (one owner), I.H. 574 dsl. tractor run 1100 hrs., I.H. 300 utility tractor w/fast hitch, I.H. 2-14 in. and 3-14 in. fast hitch plows, Bush Hog 6 ft. rotary mower like new, J.D. 17 disk grain drill, J.D. 2 row corn planter, N.H. 479 haybine, Oliver rola bar rake, Farmec 24 ft. elevator, 2 N.H. 8 tons wagons w/bale racks, 2-12 ft. harrows, 8 ft. disk, 10 ft. cultipacker, PTO seeder, 500 gals. fuel tank, Mastercut S.P. lawn mower, lawn cart, 2 wheelbarrows, shop stove, DeWalt radial saw, air compressor, barrel pump, large vise, anvil, hyd. jacks, 2 wagon loads misc. items, a lot of log chains, drill bits, tap and dies, assorted tools, wrenches, and misc. items.

Sale Will Start W/Household. Guns At 10:30, Tools, Shop Items At 10:30 w/2 Auctioneers Selling. Machinery Around 12:30 P.M.
Terms- CASH

JEAN M. MILLER AND
VERNON A. SHAWVER
Co-EXECUTORS

Mark Glick and Dale Gibboney
Auctioneers
AU-349-L AU-335-L
Barron and Zimmerman- Attorneys

Auction Sale

Tractors- Trucks- Combines- Nice Trucks

Due to poor health, Gerald Evans will sell the following farm machinery on

Tuesday, May 26, 1987

Beginning at 4:00 P.M.
(On Gumboro Rd. at Y)
Selbyville, Delaware

1980 John Deere 7720 Combine w/944 hours, real nice, w/1983 J.D. 215 Flex head, excellent; 1982 John Deere 643 corn head, very good; 1977 GMC w/16' Meadows dump, only 11,676 miles, 5x2 tans., 366 V-8, power steering, excellent; 1972 GMC w/15' Meadows dump, 55,036 miles, 5x2 trans., 366 eng., power steering, excellent; 1971 Chevrolet C-60 truck tractor w/tag axle, 427 engine, air brakes, 60,146 miles; 1962 Transco 35' flat w/grain rails; 1984 Ford TW-35 w/front wheel drive, 154 DHP, ONLY 600 hours, cab, air, dual remotes, very, very good; 1977 Massey Ferguson 1135 w/cab and air, 3200 hours, 18.4x38, new batteries; International 5100 soybean special drill, double disc, w/press wheels; International 496 disc 18½' hydrofold, very good; Ferguson 10' chisel plow; Ferguson 14' chisel plow; Massey 880, 8 bottom 15" on land plow; Massey 6x16 plows; Massey 4x16 pickup plows; JD 1508 - 6 row hydrofold mower, new blades; Pittsburg 12 transport disc; J.D. grain tester; Hardee ditch bank mower, manual slide; John Deere 6 row 30" cultivator; John Blue 1200 gal. stainless tank w/5 hp engine; M.F. 3 pt. rotary hoe; Ferguson trencher; 3-4 wheel wagons w/funnel bodies; 20.8x38 duals, 18.4x38 duals, 18.4x38 combine duals; 2 M.F. quick hitches; Spray inductor-N.H. 3 gas rig.

THIS IS REAL NICE EQUIPMENT.
NO SMALL ITEMS.

TERMS: Cash or good check on day of sale.

Directions: US Rt. 113 to Selbyville, Delaware, turn west next to Shell Station towards Gumboro, bear left at Y, sale in middle of Y.

GERALD WAYNE EVANS
PATSY H. EVANS
Owners

PETE RICHARDSON
P O Box 51 Willards MD 21874
AUCTION SALES

Phone: 301-546-2425 Office; 301-742-6220 Home

Public Sale

Antiques, Oak Furniture, Quilts & H.H. Goods, Blanket Chest Grain Decorate
Saturday, May 23, 1987
9:00 A.M.
Located On Corner Of College Ave. & Spruce St., Elizabethtown, Pa.

Sale By
Mr. & Mrs. Jacob Kreider

Shaffner Auction Service
Aucts. Harold (Abe) Shaffner
829-L 653-5689
Raymond Miller
Food Stand

PUBLIC AUCTION

2 DAY PUBLIC AUCTION

FRIDAY & SATURDAY, MAY 22 & 23, 1987
At 10:00 A.M.
14 ROOM VICTORIAN MANSION; GRANDFATHER'S CLOCK; HIGH CHEST OF DRAWERS; OUTSTANDING ANTIQUES

At 131 S. Main St., Alburtis, Lehigh Co., Pa. (Between ALLENTOWN & KUTZTOWN turn South off Rt. 222 onto Rt. 100 then right at 1st traffic light.)

FURNITURE: 93" Sheraton grandfather's clock circa 1830, Cherry case w/modified shell craving on door, broken arch top, 30 hr. movement; 70" Walnut high chest of drawers, circa 1800, 3 over 5 graduated drawers, ogee bracket ft., fluted ¼ col., orig. Heppelwhite brasses; Acorn poster Cherry rope bed; very ornate Walnut 3 pc. marble top BRS; marble top washstand, dresser & table; double cut stepdown Windsor rocker w/6 spindle bamboo turnings; 7 spindle Windsor bowback chair w/bamboo turnings; round Walnut dropleaf ext. table w/4 boards; drysink w/lid; 50" OAK raised panel roll top desk; 12' tall Pier mirror; WALNUT dropleaf gateleg table; 5 Walnut needlepoint Vic. side chairs; Walnut hall rack w/marble shelf; heavily carved Behr Bros. upright piano; B&C piano stool; dovetailed flour chest w/Ogee bracket feet; spool type rope bed; set (3) ½ spindle plank chairs w/good early deco.; Cherry dovetailed cradle; set 3 arrowbacks; lg. Walnut blanket chest w/early strap hinges; grained solid end jelly cupboard; Walnut bed; dovetailed Walnut hall rack w/seat; 1 drawer Cherry stand w/turned legs; mortised bench; brass & onyx lamp stand; 36" tall ornately decorated comb. floor safe.

TEXTILES: 6 Early patchwork quilts; 3 Blue check homespun mattress bags; early doll quilt; 4 white quilted petticoats & other old clothes; Marseille spread; S. Kuter 1842 Trexlertown coverlet; W. Kuder 1849 Trexlertown 5 color coverlet; Blue check homespun table cloths.

CHINA, GLASS & OTHER SMALLS: GAUDY DUTCH Rose pat. teapot w/3 cups & saucers; "Indian Chief" Ironstone teapot; 100+ pcs. Laurel Wreath white Ironstone inc. teapot, coffee pot, chamber set, cups & saucers, plates; 12" IMARI plate; CHELSEA grape relief teapot, platter, plates etc.; FLOW BLUE "Cabul" plate & 2 "Pheasant" c & s; Adams Rose platter; misc. patt. glass inc. compotes, celery, goblets; pr. Bristol vases; rare Early Brass 4 ftd. kettle lamp; pewter top coffee grinder; tin 12 candle mold; 2 push up tin candle holders; Walnut pic frames; 2 large oil paintings; old Buddy L truck; early traction drive car; early traction drive steamboat; old toy Army Scout plane; spinning wheel; flax winder; dough box; snail inkwell; wicker stroller; china & comp. dolls; iron hanging lite; finger oil lites; gas table lamp; Lion still bank; calendar shelf clock; 2 Mocha chamber pots; spongeware pitcher; Blue deco. jugs by White, NY & Schenfelder; Majolica cakestand & platter; old rotary valve cornet; Geneva fluter. ALSO: Swan front cutter sleigh by J.W. Gerhard, Macungie.

TERMS: Cash or Pa Check.

SELLING FOR:
LEROY J. GEISINGER ESTATE
Refreshments Served

P.O. Box 215 • Fogelsville PA 18051 • 215 395-8084 • License #AU001609 L
FAUPEL ZETTLEMOYER AUCTION SERVICE INC

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. & SAT. MAY 22 & 23 - 10AM 14 Room Victorian Mansion, Grandfather's Clock, High Chest of Drawers, Antiques. 131 S. Main St., Alburtis, Lehigh Co., PA. Between Allentown & Kutztown turn S. off Rt. 222 onto Rt. 100 then right at 1st traffic light. Leroy J. Geisinger Estate. Ralph W. Zettlemoyer Auct. Co., Inc.

FRI. & SAT. MAY 22 & 23 - 4:30PM & 9AM Respectively. Quilts, Antiques, Butchering Eq. & HH. Turn off Rt. 61 across from Farm Credit Office in Shoemakersville onto Zion's Church Rd. for approx. 2 mis. Then left onto Dreibelbis Mill Rd. for approx. ½ mi. to sale. For: George Schappell. Kenneth P. Leiby, Auct.

SAT. MAY 23 - Snyder Co. Farmette. 4 mis. SW of Port Trevorton, PA, Union Twp. Mrs. Peter J. Watts, Owner. Mark J. Jones Auct. Serv.

SAT. MAY 23 - 8AM Show; 2PM Sale. Great Lakes Rambouillet Association and Eastern Columbia Association Show & Sale of Rams and Ewes. Fairgrounds, Lima, OH.

SAT. MAY 23 - 9AM 5 Tractors, Misc. Eq., Shop Tools & Metal Lathe. The Late Francis Westrick. Located on road between Flinton and Patton, PA. Joe Niebauer & Robt. Sneath, Aucts. Niebauer Auct. Serv.

SAT. MAY 23 - 9AM Antique Cars, Antique Parts, Tools, Construction Eq. 216 N. Main Street (rear), Jacobus, PA. Exit 4 off I-83, S. on 111, 10 mis. N. of Maryland Line. Estate of Charles E. Hammers. Blaine E. Rentzel, Auct.

SAT. MAY 23 - 9AM Real Estate, Personal Property. Estate of Blanche Deppen. Market Street, Along Rt. 225, in the Borough of Pillow, PA. Dockey, Dockey & Deppen, Aucts.

1st ANNUAL PLEASANT VALLEY FIRE COMPANY

TRAIN & TOY SHOW

SUNDAY, MAY 17, 1987
9:30 A.M. to 3:00 P.M.
Pleasant Valley Fire Hall
2030 South Pleasant Valley Rd.
Westminster, MD
For information and tables contact:
JOHN BAKER
301-848-1009

PUBLIC Auction

SATURDAY, MAY 23, 1987
AT 9:00 A.M.

1½ miles north of Elizabethville, Pa.; From Route 209 take North Church Street, go past Upper Dauphin High School. (Watch for auction sign the day of auction.)

FARM EQUIPMENT

Farmall H Tractor; Allis Chalmers C Tractor w/Cultivator & 2-Way Plow; N.H. 66 Baler; Manure Spreader; N.I. Reaper; 9 Hoe Grain Drill; 2-Bottom Trailer Plows; Side Delivery Rakes; Harrows; Int. 2-Row Corn Planter; Farm Trailer; Flat Bed Wagon; Hydraulic Cylinders; Tractor Chains; Horse Scoop; New Plow Shears; (200) Tomato Baskets; Fencing; Feed Bags; Tarps; Hand Seeder; Electric Brooder; Strawberry Crates, Boxes & Carriers; Wheelbarrow; Cow & Log Chains; Rope Block; Wooden Extension Ladder; Stepladder; Lg. Lot Carpenter Tools & Wrenches; Bench Vise; Craftsman Circular Saw & Saber Saw; Remington Chain Saw; New & Used Lumber; Used Doors; Cast Iron Bath Tubs; Reaper Knife Sharpener; Horse & Pony Shafts; Horse Collars & Harness; Scrap iron; etc.

ANTIQUES & COLLECTIBLES

Kitchen Cook Stove; Parlor Stove; Washstands; Oak Chest of Drawers; OVB Wall Clock; Kitchen Cabinet; Trunks; Benches; High Back Chairs; Oak Extension Table; Oak & Metal Beds, some Brass Trim; Oak Top to Kitchen Cabinet: Oak Sideboard; Wooden Cupboard Top; Wooden Washer; nice WICKER BABY CARRIAGE; Picture Frames; Butter Bowl, Prints & Paddles; Ice Tong; Wooden Spigots; Old Tins & Wooden Boxes; Kerosene Lights; Crocks; Jugs; Bottles; Jars; Washboard; Railroad & Buggy Lanterns; Slaw Cutter; Carved MEERCHAUM PIPE; Bracket Light; Sleigh Bells; German Bible & other Books; Copper Teakettle; (2) Wooden Butter Churns; nice SWAB HAND WAGON; 2-WHEEL HAND CART; Wooden Barrels & Nail Kegs; Old Clarinet; Silvertone Radio; Victrola; Records; PIANO ROLLS; old AUTO PARTS; Grain Cradles; Single & Double Trees; Stereoscope Pictures; (3) Straw Cutters; Horse Plow & Cultivator; Single Row Corn Planter; Potato Plow; Stitching Horse; Hay Knife; Milk Cans; Cast Iron Trough; Buggy Wheels; Wagon Seats; Buck Saws; Butcher Forks & Ladles; (2) Butcher Kettles; (2) Sausage Stuffers; Meat Grinder; Beam Scales; Wooden Tubs; Broad Axe; Post Hole Axe; Old Locks; Cherry Seeder; Fluting Iron; Trivets; 1920 License Plates; ARROWHEADS; Nazi Arm Band, Helmet, Belt Buckle, etc; Briggs & Stratton Gas Engine; many other items.

OTHER PERSONAL PROPERTY

Whirlpool Refrigerator; Kenmore Portable Dishwasher w/Butcher Block Top; Gibson Automatic Washer; nice Round Maple Table w/4 chairs; Hutch; 2-Pc. Living Room Suite; Recliner; Swivel Chair & Ottoman; Console Stereo; B&W TV; (2) Chest Freezers; NEW BATH TUB w/MATCHING WALL KIT & COMMODE in Avocado Green; (2) Metal Wardrobes; Dinette Set; End Tables & Decorative Stands; TV Stand; Youth Bed; Maple Single Bed; Hampers; Metal China Cabinet; Utility Cart & Cabinets; Kerosene & Electric Heaters; Floor Fan; Home Interior Items; Wall Mirrors; Pot Belly Stove; Dishes; Cooking Utensils; Jars; New Material; Bicycles; Metal Tubs; Wringer Washers; Rotary Lawn Mowers; Garden Tools; 7 H.P. CUB CADET RIDING MOWER.

STEVENS 22 Cal. LEVER ACTION SINGLE SHOT w/OCTAGON BARREL, REMINGTON MODEL 03-A3 BOLT ACTION 30-06 RIFLE; 12 Ga. SINGLE SHOT; MODEL 514 REMINGTON 22 BOLT ACTION SINGLE SHOT.

1975 Nova 4-Dr. Sedan; 1972 Matador 4-Dr. Sedan; 1968 Chevrolet 10 Pickup Truck; 1963 Rambler Station Wagon; 1962 Mercury Comet Station Wagon; 1953 Ford 2-Door.

Sale will begin with Farm Equipment.
Lunch Available.

VIOLET D. LEBO, OWNER

DEIBERT MIKE, AUCTIONEER AU1599 L
GEORGE, REALTOR & AUCTIONEER AU209 L
(717) 425-3313

4 PARCELS OF JUNIATA CO. REAL ESTATE AT PUBLIC AUCTION

FRIDAY EVE., JUNE 5, 1987
Located in southwestern end of county.

TRACT 1 - Beautiful brick ranch dwelling, 5 bdrms, 2 baths, 2 fireplaces. 2 sty block garage/workshop, sm. barn, approx. 8 ac. w/2 ac. cleared, bal. wooded.

TRACT 2 - 2 sty. frame dwelling, 7 rms. & bath. Garage, approx. 3 ac.

TRACT 3 - approx. 17 ac. woodland w/hard top rd. frontage.

TRACT 4 - approx. 16 ac. woodland.

NOTE - All parcels recently surveyed & well marked.

FOR INFO OR BROCHURE, contact:
Long's Auction Service
R.D. 1, Box 458, Port Royal, Pa. 17082
Ph. 717-527-2406 or 4458
Lic. No. AU 001702L

PUBLIC AUCTION

May 23rd, 1987
at 9:30 P.M.
at 117 Ridge- Highland Ave. Burnham
Turn Right at New Town Fire Co.
Watch For Signs.
HOUSEHOLD ITEMS, GUNS, ANTIQUES

21.9 cu. ft. Harvest Gold side by side Refrig., pots & pans, every day dishes, throw rugs, round pine table with 2 captain chairs, small radio, cooking utensils, silverware, Kenmore upright sweeper, Electrux sweeper, step stools, oxygen tank, Wilcore stereo floor model, Hassock, Zenith 25" console colored T.V., 2 maple rockers, table lamps, floor lamps, Home stradden wood burner, coldspot humidifier, jars, Whirlpool automatic washer (like new), Sears Kenmore dryer, many tools, jars, porch swing, assorted hardware, skill saw, clamps, lawn furniture, power craft bench grinder, 12 H.P. Cub Cadet riding mower, Wards gas lawn mower, 2 wheeled cart for riding mower, garden tools, 2 pc. green lining room suit, end tables, maple double bed S/M, maple dresser, fans, 30" lawn sweeper, books, ice cooler, blankets, pillows, other linens, rug remnants, electric sewing machine, 2 double aluminum ladders, odd lumber, single bed S/M, pictures, many items not mentioned.

GUNS

(All Guns In Very Good Condition)

22 Cal. Mossenburg rifle/scope, Remington 22 bolt action rifle with sling, 243 Winchester rifle with Weaver scope, Browning Sweet 16 gauge shot gun, 306 lever action model 85 saddle rifle.

ANTIQUES

(In Very Good Condition)

Tin Banks, Parker Pen/pencil set 24K gold, 3 oak high back chairs, oak secretary desk with curved glass door, partial set of dishes Stafford England, old hunting license, post cards, custom jewelry, old oak high back dry sink with 3 drawers, Gingerbread clock, shoe button hooks, pine drop leaf table, brass clock, small drop leaf table, ruby dishes, brass lamps, Amherst vases, old books, oak sectional book case, walnut marble top stand, kerosene lamps, very old Mallory and Co. mantle clock, carnival glass dishes, blue overlay dishes, glass baskets, shaving mug, other dishes made in Germany, pressed glass, cut glass, china plates, old hand blown cruets, small pine stand, pine wash stand with towel rack, 6 pc. pitcher and bowl set, high oak chest of drawers, with mirror, clothes rack, 3 plank chairs, blanket chest, hob nail decoration, wall clock shelves, old Roos cedar chest (1936), old book case with glass doors, very nice old corner cupboard with glass doors, lamp shades, iron pot, many more not listed.

Owner-
JACK HANICE

Blaine C. Aumiller Jr.
Auctioneer AU-28L
Complete Auctioneering & Appraisal Service, Phone 248-4630
Burnham, Pa.

Owners not responsible for accidents day of sale.
Owner has the right to reject any or all bids.
Positive I.D. Required.
All Items In Very Nice Condition.
In case of rain, sale will be held May 30th.
Plan to attend this all day sale. Many small items not mentioned.

PUBLIC AUCTION

Farm Machinery - Dairy Equipment
SATURDAY, MAY 23, 1987
At 10:00 A.M.

Located approximately midway bewtween Gettysburg and New Oxford, PA turn off Route 30 at Hartlaubs Furniture onto Centennial Road and go approximately 3 miles, crossing the Bon-Ox Rd., then turn left onto Stone Bridge Road, go short distance and turn left on Kohler School Rd. to sale site. Signs posted. Or from McSherrystown turn off Route 116 onto Centennial Rd. and go approx. 5 miles and turn right on Stone Bridge Rd. Signs Posted.

J.D. 4030 Diesel w/WFE dual hydraulic and Quad-Range and 16.9-38 rear rubber, J.D. 2020 Gas w/Model 48 loader, J.D. 125 4-16 bottom plow, N.H. Model 469 haybine, J.D. 15A flail chopper, J.D. 237 corn picker, Oliver 1250 4 row corn planter, J.D. 28 disk, Oliver 36 disk, J.D. 44 manure spreader, 8 tooth chisel plow, Brillion 11 Ft. Cultipacker - 2 - 165 Bu. gravity bin wagons, 3 bale wagons w/wood sides, Little Giant 35 ft. elevator w/elec. motor, Mayrath transfer elevator, 1964 Int. 1 ton truck, 2 false end gates and unloading motor, 2 hyd. cylinders, Lincoln welder (elec.), acetylene torch - hose and gauges, Gandy PTO cyclone seeder, air compressor w/gas engine, air compressor w/elec. motor, 200 gal. fuel tank w/hand pump, 275 gal. fuel pump gravity fill, DeLaval Model 75 vacuum pump, 3 DeLaval 45 lb. milkers, dumping station, double stainless wash tank, drain table, milk pails, can racks, milk cans, feed carts, cabinets, benches, Jamesway gutter cleaner w/gearbox, Louden gutter cleaner (for parts), 16 water bowls, hand power tools, misc. hdwe, and wagon of small items.

Terms: Cash or Approved Check. Out of state checks will need bank letter confirming good credit, if not known by owner or Auctioneer.

Sale inspection Thursday, Friday and sale day.

JAMES E. and PAMELA S. MILLER
Owners
Dennis J. Plunkert, Auctioneer
Littlestown, PA Lic. No. AU1102L

PUBLIC REAL ESTATE AUCTION

SATURDAY, MAY 23, 1987
11 A.M.

MODERN DAIRY FARM & NEW HOME
Washington Twp., Lycoming County

93± acres, 50 acres tillable, extensive remodeling and new additions made to the barn in 1981, which is 48x66 two story bank barn, one story 40x52, 40 stanchion milking barn w/pipeline, 600 gal. SS milk tank, 20x24 concrete block calf pen building, 16x70 concrete silo w/unloader, barn has Jamesway ventilation system, concreted barnyard area. New ranch home 1232 sq. ft., 1¾ bath, 3BR, LR, modern kitchen, private setting, super view of surrounding countryside.

PUBLIC INSPECTION: **Wednesday, May 6, 6PM to 8PM.**

DIRECTIONS Rt. 15 & Rt 54 at blinking light turn west to Elimsport and proceed to Township Rt #41004, turn south at our sign and go 1½ miles to property.

Owners highly motivated to sell.

See your favorite lender right away. Get your commitment so you will be ready to buy at your price.

TERMS: $5,000 down day of auction, balance of cash in 30 days. Property offered to highest bidder subject to buyer's approval and seller's acceptance of sales contract.

Statements by auctioneer on auction day take precedence over printed matter.

For complete information and appointment to inspect the property, contact:

by **Rell Auction**
Auctioneers & Real Estate Brokers
Bernard D. Rell, Auctioneer
AU001844-L
252 Allegheny Street
Jersey Shore, PA 17740
717-398-7316

PUBLIC SALE OF
2 TRACTS OF REAL ESTATE
SATURDAY, MAY 30, 1987
At 1:00 P.M.

Along Gehmans School Road just off of Route 897 near Shupps Grove, Brecknock Township, Lanc. Co., Pa., about 5 minutes from Lancaster Reading Turnpike interchange.

TRACT #1: Contains 2½ acres with 153 feet frontage with 1½ story red sand stone dwelling with 4 rooms and bath on first floor and 2 rooms on second floor, full basement, oil fired hot water heat, well water and drainfield, also 2 story block 2 car garage with one story block building attached former blacksmith also implement storage. This is a fine piece of property ideal for truck farming and or horse farm, good location.

TRACT #2: Consists of tract of land containing 1 acre with 129 feet frontage and extending in depth 339 feet, nice building lot adjoining tract #1, for inspection of the property call 445-6038 after 3 P.M. for appointment.

SALE BY:
ALLEN BRENDLE

H. H. LEID AUCTION SERVICE
AU-000-535-L
WENTE AND WEAVER, Attys.

Public Auction Register

PUBLIC AUCTION

GARAGE EQUIPMENT

SAT., JUNE 6, 1987
10 A.M.

LOCATED: Rt. 272, 6 miles South of Lancaster to C.G. McClune's Garage. Or 3 miles North of the Buck.

TERMS BY
R. VIRGINIA HERR &
CARL G. McCLUNE

KREIDER & KLINE AUCTIONEERS

AU000513L, 717-786-3394

The Undersigned Personal Representative of the Late Harold C. Muth

PUBLIC SALE
VALUABLE ANTIQUES, H.H. GOODS, GASOLINE ENGINE, 2 CHERRY BOYS & 1 GIRL, SMALL WAGONS, ANTIQUE & OTHER TOOLS
SATURDAY, MAY 30, 1987
At 9:00 A.M.

The undersigned will sell at public sale on the premises located on Mt. Venus Rd. No. 1. 1 mile East of the Mason & Dixon line or ½ mile off Route 30, take 2nd road on left, Mt. Venus road no. 2 to sale, or about 9 miles southeast of Hanover, Pa.

Sale with all kinds of oak furniture, oak dry sink with top, oak tables, 2 very old long chests, sideboard cloth trees, beds oak & pine, about 1 doz. oak chairs different kinds, 6 old rockers, cane seat chairs, old slaw cutter, small stands & tables, couch, small chests, treddle sewing machine, lg. cherry boy, smaller one, & 1 girl, wooden toys, copper wash boiler, stuffed animals, old lanterns, gas irons, brass washboard, sleigh bells, 3 pc. laddle set, lg. butcher bench, end tables, and numerous household articles. Hercules 1½ H.P. gasoline engine, runs, 2 childs wagon 1 with wooden spokes, Auchey kettle furnace, Philco refrigerator, 3 iron hand pumps 1 is brass, 5 iron troughs, 2 nice shovel plows, 1 horse cultivator, 3 or 4 iron kettles, lots of old hand tools, 2 wood saws & frames, log rollers, lg. & small wooden boxes, 1 man saw, several cross cut saws, bridle with brass heart, ½ bu. measure, broad ax, all kinds of other tools to numerous to mention. This is a very large sale, try to attend.

Terms: Cash or app. check.
Stand rights reserved.
Not responsible for accidents

PATRICIA ANN HARGET MUTH
Personal Representative
2502 Mt. Venus Road
Manchester, Md.
Maurice W. Wentz &
Stewart K. Wisner, Auctioneers

SAT. MAY 23 - 9AM Farm Eq., Antiques, Collectibles, Personal Property. 1½ mis. N. of Elizabethville, PA; from Rt. 209 take N. Church St., go past Upper Dauphin High School. Violet D. Lebo, Owner. Mike & George Deibert, Aucts.

SAT. MAY 23 - 9AM 1951 Ford PU, Old Gas Engine, 1963 Ford Galaxies, Farm Eq., Hay, Straw, Tools. Turn off Rt. 61 near Farm Credit Office onto Zions Church Rd. for approx. 2 mis. and left onto Dreibelbis Mill Rd. for approx. 1 mi. to sale. Windsor Twp., Berks Co. For: George Schappell. Kenneth P. Leiby, Auct.

SAT. MAY 23 - 9AM Antiques, Furniture, Carnival, Glassware Collection, Steam Engine Parts & Tools. For: Mr. & Mrs. Ray J. Urey, Stewartstown, PA. Located Stewartstown Fire Hall, along PA Rt. 24, just N. of Stewartstown, York Co., PA. Bob & Tom Sechrist, Aucts.

SAT. MAY 23 - 9AM Estate of Beatrice A. Shawver. HH, Guns, Tools, Car, Machinery. 1 mi. W of Lewistown, PA, along Rt. 22, next to Bierhaus Mark Glick & Dale Gibboney, Aucts.

SAT. MAY 23 - 9AM Antiques, Oak Furniture, Quilts, HH. Located corner of College Ave. & Spruce St., Elizabethtown, PA. By: Mr. & Mrs. Jacob Kreider. Shaffner Auct. Serv.

SAT. MAY 23 - 9AM Antique Dwelling, Fine Antiques, HH. 129 S. State St. (Rt. 772), Brownstown, West Earl Twp., Lanc. By: Kate M. Hartman. T. Glenn & Timothy G. Horst, Aucts.

ROBERT W. WEALAND ESTATE
PUBLIC AUCTION
REAL ESTATE - ANTIQUES HOUSEHOLD GOODS

SATURDAY, MAY 23, 1987
Auction Time: 11:00 A.M.
Real Estate: 1:00 P.M.

Directions: From Ephrata, Route 322 West to Clay, Right on Clay Road to T Road in Hopeland. Turn left, go to Maple St., turn Right on Maple St. to Property on Right. Clay Township, Lancaster County, PA.

TRACT #1

Approx. 9 Acre Farmette

825 Maple St.

2½ STORY FRAME DWELLING

Lower floor contains kitchen with cabinets, living room, flamily room, rec. room, UPSTAIRS: 3 bedrooms & full bath; attic area; full basement.

SMALL BARN • Pasture Land • Stream • Well with System • On Lot Sewer • Mature Shade. AN EXCELLENT OPPORTUNITY TO PURCHASE THAT COUNTRY PROPERTY YOU ALWAYS WANTED!

805 Maple St.

2 UNIT FRAME DWELLING

805-A contains kitchen, living room, family room, 3 bedrooms, full bath, oil fired hot water furnace. 805-B contains kitchen, family room, living room, 2 bedrooms, full bath.

Both units hooked up to PUBLIC SEWER, have separate electric meters; new well on property.

LOT SIZE: 86'x216'x81'x185'.

TRACT #2

INVESTMENT PROPERTY

OR LIVE ON ONE SIDE, RENT OUT OTHER

OPEN HOUSE: See both these fine properties at Open House, Saturday, May 9, and May 16, 12:00 Noon to 3:00 P.M. or by appointment. For appointment to see properties on days other than open house, or if in need of assistance to obtain financing, call Paul E. Martin, 717-733-3511.

TERMS: 10% down day of Auction, balance at final settlement in approx. 60 days.

Mark Eaby, Attorney

HIGH TO DRY SINK

with decorative panting on lid, SIGNED F.R. ENGLE, 1906; Low Dry Sink; Walnut Washstand; Oak Washstand; Lg. Dovetailed Blanket Chest; Comb Grain Blanket Chest; Blanket Chest with Glove box; Oak Dresser; Livingston Player Piano; Nursery Rocker; Kitchen Flour Chest; Cedar Wardrobe; Large Rocker; DECORATED CROCKS & JUGS; Rolling Pin; Slaw Cutter; Cheese Box; Iron Ladle; Spatula; Balance Scales; Kerosene Parlor Lamp; Flat Irons; Bone & Wood Handle Knives & Forks; Cider Press; 2 Large Jugs; Beveled Mirror; Meat Hooks; Pudding Drain; Depression Glass; Press Glass Pitchers; Cups & Saucers; K & G French Dish; Cleopatra Plate; Carnival Dishes; Shoe Last; Coal Bucket & Shovel; HARRY ULRICH, Hopeland, Chest; 1887 Marriage Certificate; G.E. REFRIGERATOR; G.E. FLOOR MODEL COLOR T.V.; 4 Pc. Bedroom Suite; 2 Pc. Living Room Suite; Window Air Conditioner; Universal Portable Sewing Machine; Kneehole Desk; Sofa; Single Bed; 7 Pc. Breakfast Set; Utility Cabinets; Norge Gas Range; 2 Gas Room Heaters; Duotherm Oil Heater; Blankets; Spreads; Pillows; Fur Coat; Rugs; Baskets; Pictures; Electric Heater; Bone Saw; Lot of Misc. Pots, Pans, Housewares;

1853 Half Dime; Lg. Cents; Indianhead Cents; Foreign Coins.

SAVAGE MODEL 1906 22 RIFLE; 12 GAUGE SHOTGUN

1971 Cadillac Coupe DeVille

Automatic, Air, Inspected; WHEEL HORSE TRACTOR with Mower & Snow Blade; 2 Wheel Horse Riders; Lawn Boy Mower; Lawn Sweeper; Lawn Roller; Wheelbarrow; Ladders; 1 and 2 Man Saws; One Hole Corn Sheller; Hoka Plow; Iron Troughs; Wrecking Bar; Pipe Wrench; Scythe; Bits & Brace; Rakes; Shovel; Brooms; Misc. Lumber, Axe, Tool Seat; Fishing Rod.

Auction Conducted By
J & P AUCTIONS
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099

Auction by
ROBERT W. WEALAND ESTATE
Lowell R. Wealand, Executor

Food At Auction

PUBLIC AUCTION

Location: 9 S. 15th St., Camp Hill, Pa. Close to West Shore Plaza.

SATURDAY, MAY 23, 1987
Time 9:30 A.M.
30 Year Collection of Antiques & Collectibles

FURNITURE

Gilded French Style Music Cabinet; Combination Side By Side Bookcase & Desk; Victorian Walnut What-Not 5' H; Small Solid End Wash Stand w/Drawer; Victorian Chairs; Plank Rockers & Chairs; 2 Small Iron Stoves; Small Mahg. Dropleaf Table w/Q.A. Feet; Cradle; Patio Table w/4 Chairs; Oak Flat Top Desk; Sliding Door Cabinet; 4 Drawer Metal File Cabinet; Mahg. Bookcase; Childs Cupboard.

Nippon — Porcelain- China- Glass- Lamps; 2 G.W. Lights, One Red Satin & One w/Sheperd Scene On Shade & Font; Cranberry Hall Light Shade; Other Kerosene Lights Some In Color; 5 Pc. Place Setting For 12 Lenox China (Aurora); Large Selection Of Pressed, Pattern, Satin, Crown Ruby, Art & Cut Glass; Large Selection Of Beer Steins, Some Lithopane; Childrens Dishes, Some In The Original Box; Chocolate Pots & Choc. Sets, Some R.S. Prussia In Red; Oriental Porcelain; Tea Pots; Cloisonne; Holly Hobby Set Of Dishes For Eight; Sun Bonnet Babies Collectors Plates; Assortment Of Other Collectors Plates; Goebel Collectors Plate 1977; Lorraine Trester Plate; Hummel Stormy Weather 1974; 12 LLadro Figurines; Large Amount Of Xmas Items By Hallmark; Royal Rudalstadt; Weller; 2 Hat Pin & Ring Holders On Tray (Porcelain); Gold Bar; Childs Tea Set & Other Childs Tea Set; Limited Edition Plates By Joan Ferrandiz, Orchard Mother & Childs Plates; Series Of Limited Edition Of Sun Bonnet Babies Plates; Pendelfin Figures; A Borsato Figurine (Milano); Capo Di Monte Figurine; Mother Of Pearl Opera Glasses.

COVERLET

Eagle Coverlet Made By B. Yordy Conestoga Township, Made For Barbara Schopf Dated 1854 In Red, Green & Blue.

DOLLS

Large Collection Of Madam Alexander & Bradley Dolls.

Sterling— Silverplate- Copper- Iron- Tin- Pewter- Sterling Silver & Silver Plate; Brass Sleigh & Hame Bells (Graduated); Dinner Bell w/Wheel; Old Tin; Brass Hand Bells; Childrens Flat Irons; Copper Dipper & Ladle; 5 Chocolate Molds In Pewter & Tin Ons Santa Claus; Spatula; Iron Gypsy Pots; Foot Scraper; Brass Kettle, Etc.

CURRIER & IVES — PRINTS

C & Ives: The Burning Of Chicago; California Scenery, The Fall Of Richmond On The Night Of April 2nd 1865; Wallace Nutting Interior Prints; Humorous Darkie Prints; Humorous Set Of 4 Poker Prints By Benhard Wall Dated 1905; English Hunt & Pub Prints; Victorian Lithographs; Framed Tapestries; Wal. Frames; Many Framed Pictures; Framed Collection Of Minature Flags On Cards.

BEER CANS— BOOKS— MISC.

1 Case Of Billy Beer Cans; 1 Case Of Old Cans; Childrens Games; Big Little Book Orphan Annie & Chizzler; Old Childrens Books By (Raphael Tuck); Collection Of Beer Signs & Clocks & More.

Terms: Cash, Checks Accepted From Est. Accts. Only. Bring Your Chairs & Boxes, Approx. 5 Hr. Sale In Case Of Rain, Sale Will Be Inside.

Charles Spahn- Auctioneer
717-243-5010
AU001775-L

Owner,
NORMA LIGHTNER

SAT. MAY 23 - 9:30AM Indian Realics, Guns, Antiques, Train, Tools, Collectibles, Tools. Located Red Men Pavallion, Oxford, PA. From Rt. 1 bypass take Rt. 472 exit into Oxford. Turn left at light. Follow Rt. 472, Market St. ¼ mi. to auction. Claude A. Baker, Owner. Whiteside Auct. Serv.

SAT. MAY 23 - 9:30AM HH, Guns, Antiques. 117 Ridge Highland Ave., Burnham. Turn right at Newtown Fire Co. Jack Hanice, Owner. Blaine C. Aumiller Jr. Auct.

SAT MAY 23 - 9:30AM 30 Year Collection of Antiques, Collectibles, Furniture. 9 S. 15th St., Camp Hill, PA. Close to West Shore Plaza. Norma Lightner, Owner. Charles Spahr, Auct.

SAT MAY 23 - 10AM Shop Eq. & Tools, Antiques, Farm Eq., etc. 1 mi. N. of Shippensburg, PA, Cumberland Co. on Rt. 11 at Leinbach's Farm Market. Lamar Sensenig & Rick Foreman, Aucts.

SAT. MAY 23 - 10AM 2000 Plus Sheep. Wolgemuth Bros., Inc., Ephrata area, PA. Exit 20 take 72 N. to 322 E. approx. 10 mis. towards Ephrata to first road right past Twin Pine Auto Sales (Wood Corner Rd.), go one mi. to stop sign at Lincoln Rd. Turn right onto Lincoln Rd. to second farm on left. Sale conducted by: Walter M. Dunlap & Sons.

SAT. MAY 23 - 10AM Real Estate & Farm Eq. Allenwood, PA. Junction of Rt. 15 & 54 at yellow blinking light, turn W. towards Elimsport, proceed to Township Rt. 41004. At our sign turn S. 1.5 mis. Farm on left. John & Bernadine Dangle, Owner. Rell Auction.

SAT. MAY 23 - 10AM Farm Mach., Dairy Eq. Between Gettysburg & New Oxford, PA. Turn off Rt. 30 at Hartlaubs Furniture onto Centennial Rd., go approx. 3 mis., crossing the Bon-Ox Rd., then turn left onto Stone Bridge Rd., go short distance & turn left on Kohler School Rd. to sale site. James E. & Pamela S. Miller, Owners. Dennis J. Plunkert, Auct.

SAT. MAY 23 - 10AM Truck, Tractors, Machinery, HH, Guns. Mr. James Hartzler, Patterson Creek Rd., ½ mi. N. of Williamsport, West Virginia. 12 mis. S. of Burlington on Patterson Creek Rd. and 18 mis. N. of Petersburg on Patterson Creek Rd. Gary L. Vance Auctioneer Co., Inc.

SAT. MAY 23 - 10AM Farm Machinery. Ridge Road, 8 mis. W. of Romney, NY. Paul P. Knott, Seller. Rudolph Auct. Serv.

SAT. MAY 23 - 10:30AM Albrechts Dairy Dispersal of 65 Hd. High Grade Cattle, Farm Mach., Crops. On Rt. 44, Pleasant Valley, NY D. Luther, Auct.

SAT. MAY 23 - 11AM Robert W. Wealand Estate. Real Estate, Antiques, HH. From Ephrata, Rt. 322 W. to Clay, right on Clay Rd. to T Road in Hopeland. Turn left, go to Maple St., turn right on Maple St. to property on right. Clay Twp., Lanc. Co., PA. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAY 23 - 11AM Modern Dairy Farm & New Home, Washington Twp., Lycoming Co. Rt. 15 & Rt. 54 at blinking light turn W. to Elimsport and proceed to Township Rt. #41004, turn S. at our sign and go 1½ mi. to property. Rell Auctioneers & Real Estate Brokers.

SAT. MAY 23 - 1PM Real Estate: 2 story frame cabin on 2 acres of woodland in Potter Co. along Rt. 52011, Wharton, PA. For: James & Betty Lentz. J. Omar Landis Auction Service, Aucts.

C.E. KEENER ESTATE
ANTIQUE SALE

SATURDAY, MAY 30, 1987
9:30 A.M. DST

Location: Intersection of Rts. 283 & 72. Just West of Lancaster along Rt. 72 at 1531 Manheim Pk., Lancaster, Pa.

MODEL A FORD DUMP TRUCK;
OLD DODGE TOW TRUCK;
OLD FORD DUMP TRUCK.

Tractors - 800 Ford w/Lift; 230 Int. w/compressor; 8 GAS ENGINES- Stover Mfg.- Kohler Wisc.- Sears Roebuck & Others; Sm. wooden wheel pony cart; 1 horse sleigh box; buggy wheels; single trees; old PLOWS- Syracuse Chilled Wiard- Leroy #3 1 B; (3) Antique horse cultivator; J.D. 1 h. culti.; scorer; dinner bells; blacksmith forge; several CAST implement seats (Champion- McCormic-Deering); Cast Wrigley bag cart; (Lg. & Sm.) cast horse trough; several chopping mills; Mountville single corn planter; horse tongues; wheat cradle; B.S. Economy garden tractor; screw jacks; milk cans; egg baskets; hay hooks; 5 gal. jugs; 1921 golf tournament cup; meat choppers & grinders; lard press & sausage grinder; license plates; reed table; reed baby & doll coaches; Garton peddle tractor; school desks; unusual wooden press; wooden pulleys; cleaner & wheel barrow; wooden planes; barrels; stirrers; tobacco press; straw cutter; 2 wheel milk cart; old wrenches; All kind of old tractor books; circular saw blades; Parts- cross cut saws; NEW TOOLS; ETC., ETC., ETC.

Lunch Available
Sale to begin at 9:30 A.M. DST

C.E. KEENER ESTATE

WOLGEMUTH AUCTION SERVICE
PH. 717-665-5664 LIC. # 1036

FINE PUBLIC AUCTION

INDIAN RELICS, GUNS, OAK, PINE, ANTIQUES, TRAIN, TOOLS, CROCKERY, COLLECTIBLES, TOOLS
SATURDAY, MAY 23, 1987
9:30 A.M.

LOCATION: Removed from (old) Lanc. Co. Farm residence, Little Britain Twp. & to be at Red Men Pavallion, Oxford, PA. From Rt. 1 By-pass take Rt. 472 exit into Oxford. Turn left at light. Follow Rt. 472- Market St. ¼ mile to auction. From Quarryville, PA. Follow Rt. 472 S. through Oxford, ¼ mi. to sale. 29 miles S. of Lancaster.

PINE, OAK, ANTIQUES, ENGINE, TOOLS- Poplar wardrobe w/dovetailed drawers, pine wardrobe turned feet w/red paint, dovetailed cradle w/old paint, 3-leg table, Cobler's plank, doughboard, butterchurn w/stand, lift-lid desk, barrels, **OAK PCS:** Lg. "S" roll-top desk w/pidgeon holes, round table w/claw feet, dresser w/mirror, sideboard, sliding door showcase, 5-leg round table, hanging cabinet, Seth Thomas "Regulator" clock, rockers, 3 pc. mahogany bed suite; poster bed, high chest, (6) old mantle clocks, marble dresser, B&H brass plant stand, Nouveau lamp base, mirrors, trunks, N.H. bag-conveyor from old Griest Mill w/old paint, early ½ hp. steam eng. Caille Detroit 1-lung outboard, sm. 1 cyl. eng., frame drill, broad axes, shaves, planes, Complete Carp's selection, adv. boxes, buggy lights, dovetailed walnut bible box, ½ gal. blue crock, redware cup, crockery, baskets, quilt tops, blankets. **BRASS PCS:** clock weight mold, microscope, candlestick, prop, bells, postcards, stamps, pencils, 1800's ledgers, water color signed Morris, Swift, Slade & Hulk books, Rochester Optic camera w/stand & slides, victrola (parts), iron, tin, kitchen, china, glassware, collectibles, not listed.

INDIAN REALICS, GUNS, TRAIN, TOYS- (RARE) Collection of Indian Relics include over 1,000 items; darts, spears, scrapes, axes, etc. 1821 Phila-N.J. 13 .69 cal musket, 1842 Mill Creek roll-cap musket, (3) 1878 Springfield roll-trap 45-70 rifles, .44 cal. droplock, 1876 Winchester lever action, (2) 03-a3 military & M-98 rifles, flintlock & pistol, .308 Norma-Mag, .22 Savge semi, Mec 600 12 & 16 ga. reloader, several antique gun parts & access. bullet & ball molds, flasks, Nazi flag, bayonets, tank sights, knives, minature cannons, decoys, fish tackle, golf clubs, bow, arrows, AM FLYER "Silver Streak" eng. & 3 cars, boxes, AM. Flyer; MT & 4-3-2 & 2-2-longs. crane, light, cabbooses, track, swith, German & HO. bldgs & houses, "Jet Rail Express," Hubley pistol, Tootsie, tin, metal & iron toys, RR ITEMS; Gettysburg signal, "Peachy tie lifter, branding "S" iron, carrier, lanterns, pictures, books, Many other fine collectibles found on farm. Be On Time!

Above list for adv. purposes only. No guarantee authenticity or recourse. Not resp. for accidents. Lunch served.
TERMS: CASH or CHECK w/ID.

BY ORDER:
OWNER-
CLAUDE A. BAKER

JEFFREY E. WHITESIDE- Auctioneer
WHITESIDE AUCTION SERVICE 215-932-2114
AUCTIONEERS & APPRAISERS AU-002368-L
& RE. 012618A.

Clip & Save

PUBLIC ESTATE AUCTION
THREE DAY SALE!

FINE ANTIQUE FURNISHINGS & DECORATIVES FEDERAL-STYLE LONG CASE CLOCK- COMPLETE BRASS WORKS, CROCKS, QUILTS, PRINTS, SILVERPLATE, STONEWARE, SAW MILL, WOOD & METAL SHOP EQUIPMENT, FARM MACHINERY, SEASONED CABINETRY LUMBER- '82 DODGE COLT AUTO 85 ACRES ROLLING FARMLAND WITH STONE HOME, BARNS & SHOP

To settle the Estate of CHARLES E. JACKSON, late of Harford County, the undersigned Personal Representative will sell the following items of Personal Property and will offer for sale the Real Estate at PUBLIC AUCTION as follows:

THURSDAY & FRIDAY EVENING- MAY 21 & MAY 22, 1987

BEGINNING AT 6:30 P.M. (EDT)
AT O'NEILLS AUCTION GALLERY
FOREST HILL, HARFORD COUNTY, MD.

DIRECTIONS: O'Neills Auction Gallery is located at the intersection of Md. Rte. #24 with Jarrettsville Rd. in the Village of Forest Hill. From U.S. Rte. #1 By-pass take Md. Rte. #24 Exit North- 3 miles to Gallery.

ORDER OF SALE:
THURSDAY EVENING- MAY 21, 1987:

Quilts, Quilting Frame, Lap Rugs; Yarn Winder; Oil Lamps; RR Lanterns; Copper Powder Horn; Bells; Bells; Prints; Tinted Photographs; Antique Frames & Mirrors; Old Books; Silverplate Flatware; Old Games & Toys; Fine Chinaware & Glassware; Enterprise Sausage Stuffer; MW Tin Canner; Cast Iron and Club Alum. Cookware; Wood Butter Churn; many interesting and collectible items.

FRIDAY, EVENING- MAY 22, 1987:

Lge. Collection of Crocks & Crockery incl. up to 20 gal. capacity, Blue/Gray & others; York Pa. Bread/Mixing Bowls; Hill Crockery; Wash Stand Sets; Baskets; SESSIONS Clock; 8 ft. Long-case Clock (150 yrs. old); German Cuckoo Clock; Antique Beds; White & Brown Marble-top Stands, Bureaus & Wash Stands; Chests of Drawers; Bureaus w/Mirror; Cedar Chest; Drop Leaf Table; Mahogany DR Table w/6 Chairs; Sideboard & Server; Pine China Closet; Oak Tables; Cherry End Table; Tiger Oak Cottage Stand; Wash Stands; Slant-top Desks; Plank Bottom, Spindle-back, Cane seat, Slat-back, Rush Seat, Windsor-style, Saddle Seat, Pressed Back, Bentwood Side & Rocking Chairs; Upholstered Victorian Boudoir Rocking Chair, Side Chairs; Foot Stools; Green & White Marble pcs.; Lap Desk; Penmanship Box; Camelback & other trunks; Linens & Lace; Rag Rugs; all items in good & very good condition.

INSPECTION: At Auction Gallery from 12:00 Noon on Day of Sale.

SATURDAY- MAY 23, 1987
BEGINNING AT 10:00 A.M. (EDT)
AT 1532 ROBINSON MILL ROAD
STREET, HARFORD CO., MD.

DIRECTIONS: From U.S. Rte. #1 (Conowingo Rd.) travel north on Md. Rte. #136 (Whiteford Rd.) to Robinson Mill Rd.- Signs Posted.

ORDER OF SALE: OLD SAW MILL EQUIPMENT incl. Complete FRICK Saw Mill w/Belt & Saw Dust Conveyor; Circa 1918- "Crosswise"- "THE MINNEAPOLIS" Tractor; Elec. Chain Hoist; Old Mill #156 Planer w/Gas Eng.; 12 T. Shop Press; Anvil; Forge; W&H Molder/Planer w/Elec. Motor; DELLINGER Hammer Mill; Lge. Assortment of Saw Mill Lumber- some of cabinetry grade; JD 620 Tractor w/Loader; 8N FORD Tractor; JD 5 ft. Rotary Mower; JD 3x14" 3 pt. Plow; JD Von Brunt Grain Drill; HYPRO Sprayer; MCCURDY Grain Wagon; NH Farm Wagon; Cord Wood Saw; Horse-Drawn Farm Equip., One-Horse Sleigh; Fairbanks Platform Scale; Cream Separator; Milk Cans; Dble. Corn Sheller; Acetylene Welder; Lincoln Arc 225 Amp. Welder; DELTA MILWAUKEE Band Saw; 6" Jointer; Craftsman Table Saw; POWRMATIC Table Saw; ORBIT 12 sp. Ind. Drill Press; Belt- Drive Drill Press; Sheet Metal Bar Folder; Metal Saw; Air Compressors; SOUTH BEND MACH. Co. Metal Lathe w/Access.; Table-top Wood Lathe; Lge. Collection of Hand & Power Shop & Woodworking Tools; Old Farm Machinery Manuals; Rope & Chain; Belt Sanders; Elec. Chain Saw; Bench Grinder; Vise; other useful tools, equipment & supplies. 12 GA. SHOTGUN; .22 RIFLE. GUNCASE.

HOUSEHOLD EFFECTS: including ZENITH Color TV; Galvanized Ice Box; Rose Trellis; Coat Rack; Sofas; Chairs; Lamps; Books; Coffee Table; Old Wooden & Metal Top Tables; Dinette Set; Digital Scale; Singer Sewing Machine w/Cabinet; Metal Wardrobes; Wood & Metal Cabinets; Pots, Pans, Kitchen Utensils, Sm. Appliances; many interesting & useful household items.

1982 DODGE COLT TO BE SOLD AT 11:00 A.M.- 20000 ORIG. MILES APPLIANCES TO BE SOLD FOLLOWING THE REAL ESTATE: GE Washing Mach. & Elec. Dryer; PHILCO Refrigerator/Freezer; Chest Freezer.

TERMS: PERSONAL PROPERTY- CASH or APPROVED CHECK- Purchaser of Automobile responsible for compliance with Maryland state Inspection Laws.

REAL ESTATE TO BE OFFERED AT 12:00 NOON ON MAY 23, 1987:

85 acres of Rolling Farmland traversed by the Broad Creek, zoned "AG", in Fee Simple ownership. Harford County Deeds: 239/161, 280/54 and 753/44. Improved with a Stone Home built 1804 w/K, LR, DR, Den, ½ Bath (1st Fl.), 5 BR's & 1 Bath (2nd Fl.), 2 Stairways, 4 FP's, Porches. LP Gas Hot Air Heat. On-site Septic System & Spring. Barns, Garage, Mach. Shop. Mobile Home Site w/Well & Septic.

TERMS: REAL ESTATE- $10,000.00 in CASH, CERTIFIED OR CASHIERS' CHECK on sale date. 60 days to Settlement. Sold "As is". Right to accept or reject bid reserved by sellers.

INSPECTION: REAL ESTATE- AT OPEN HOUSE on SUNDAYS, MAY 10 and May 17, 1987 from 2:00 p.m. to 4:00 p.m. or by Appointment with Auctioneer.

BY THE AUTHORITY OF
THE HEIRS TO THE ESTATE OF
CHARLES E. JACKSON

O'NEILLS AUCTION COMPANY
Forest Hill, MD 21050
(301) 838-6980/879-4530
Complete Auction & Appraisal Service
Estates/Liquidations/Realty
PA Lic# AU-000689-L

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES

REFRESHMENTS AVAILABLE

PUBLIC AUCTION

HOUSEHOLD GOODS, ANTIQUES

SATURDAY, MAY 30, 1987

Auction Time: 10:00 A.M.

Location: Located along Locust Grove Road, R.D. #3, Manheim, Pa. 1 mile north of Penryn along Locust Grove Road. (Former Locust Grove School) Just off Mountain Rd.

HAINES PLAYER PIANO

Oak Dresser; PLANK BOTTOM CHAIRS; Drawing Table; Cane Seated Chairs; Captain's Chairs; Cedar Wardrobe; Metal Beds; Old Kitchen Cabinet w/Frosted Glass; Atlanta Coal and Wood Stove; (2) Heatreclaimers; DROP LEAF TABLE; Square Table; Sessions Mantel Clock; HUBLEY TOY CAR; HUBLEY CAP GUN, needs parts; HUBLEY AIRPLANE; TIN TOY LADY BUG; Advertising Calendars; L.M. Snavely, Jacob Nauman, B.B. Shelly, N.S. Shelly; 1877 WHITEHOUSE TRAY; Advertising Tins; 2 Shamokin Beer Mugs; SHIRLEY TEMPLE MUG; GRAYBILL DAIRY CREAM PITCHER, cracked; Johnson Bros. Ironstone China; Showalter Milk Bottle; Fiesta Platter, Water Pitcher, Assorted Bowls & Plates; Bone China Figurine; Cup & Saucers; Candy Dish; Apple Cookie Jar; Crystal Stemware; Japan Tea Set; Windsor Diamond Candy Dish; Centennial Dish; Hobnail; Pink Depression; Cast Iron Child's Stove; Old Bottles; AGATEWARE; SPITOON; Dietz Lantern; 30 PIANO ROLLS; Salt & Peppers; Scottie Dog Glasses; OLD DOLLS, need repair; WICKER DOLL COACH; Milk Cans; Milk Stirrer; Carrying Pails; Crock.

NEW PERFECTION 5 BURNER KEROSENE STOVE

Mirrors; Tinware; Savory Roaster; Books; Code of the West Book; Gift Shop Items; 1 Ton of Coal; Saw Buck and many other items.

TERMS: Cash or good check.

Auction for

SYLVESTER B. & MARY E. PIERCE

Auction Conducted by
J & P Auctions
Paul E. Martin Auct. AU-1601
Ephrata, Pa. 733-3511
John D. Stauffer Auct. AU-1509
Lititz, Pa. 665-5099
Lunch Stand

PUBLIC AUCTION

Farm Machinery
For Milton Myers

THURSDAY, MAY 21, 1987

10 A.M.

On Rte. 313, 10 mis. East of Quakertown. In Dublin Turn East onto Rte. 113 for 4 mis. then onto Fretz Valley Road past Bedminster Elem. School. From Rte. 611 take Rte. 113, 4 mis. through Bedminster to Center School Road to Bedminster School. Watch for signs.

TRACTORS: 180 AC Land Handlers Diesel w/front end loader, 190 AC Diesel turbo, AC D17, AC 45 w/buck saw, Ferguson & 8N Ford Tractors, NH 269 Baler w/belt thrower, 469 NH haybine, 7' NH mower, Kuhn 17' hay tedder, Gehl foliage Harvester w/grass head, MF 25 side rake. **WAGONS:** 5T. Gehl forage, 5-5T. Kicker, 2 Gravity, 4T. Farmhand Forage, 6' Mott 3 P.H. Mower, Ford 3 P.H. Brush Hog, 12' Transport Disc, 14' Ontario Drill, NI-1R. Corn Picker. **PLOWS:** Oliver 4B-16", AC & JD 3B-3PH, 2B Ferguson, V Snow, Potato, AC Sub-Soiler, Gehl Mix all hammer mill, 2R. Ferguson Cultiv., 2R. Ford 3 P.H. Corn Planter, 2 Papec Silo Fillers, AC Silo Blower, Cultipacker, S.T. Harrow culti-packer, Land Roller, 41' NI 5 H.P. Bale Elevator, 28' Smoker, 16' Harvest Handler, Grain Elevators, 20' 3 H.P. Grain Auger, 20'-4" Grain auger, Better Bilt side discharge manure spreader, Lely 3 P.H. Spin Spreader, lime spreader, Ford post hole digger, 6'-3 PH scraper blade, B112 AC Snow Blower, 4T & 7T. feed bins, feed carts, Ideal arc 180 Welder, Win Power 60 AMP- 20-KW generator, WMC 680 power washer, 1 HP air compressor, JD port air tank, winch 1 H.P. bench grinder, power hack saw, table saw, 3 Poulan Chain Saws, 3 HP buck saw, Chain hoist, Craftsman Drill press, Vises, anvil, cement mixer, Surge 1½ H.P. Vac. Pump, S.S. Washtubs, Grindstone, Come alongs, DB Garden tractor w/sickle bar, ride mower, Cast hog troughs, walking plow, single cultiv., Bobsled, forge, 2 hole Corn Sheller, Log splitter, platform scale, snow fence, acetylene tank & torches, tractor & log chains, 8' truck body, blower & 40" exhaust fans, 12 milk cans, 40'x42' extens. ladders, 50 gals. roof coating, 500 bales Timothy hay, lot hand tools, found on farm.

Conditions Cash or Approved Check
James W. Mohr
AU000627L
Harold Bellmeyer Aucts.
Refreshments

GIGANTIC ONE DAY SALE

APPLE RIDGE FARM COMPLETE DISPERSAL

SATURDAY, MAY 30, 1987
At the farm in Walpole, New Hampshire.

COMPLETE LINE OF EQUIPMENT AND MACHINERY
Selling at 10 a.m.

Write or call today for complete listing or watch next week for full listing.

12 NOON

About 250 head of the finest registered holsteins in the northeast. 130 milking age including 8 EX, 35 VG, 52 GP (over half of which are 2 and 3 yr. olds), 35 tremendous bred heifers, 75 yearling and calves unmatched anywhere for style and growth. The breeds greatest sires are represented with 23 Valiants, 15 Tonys and a dozen Chairmans to mention a few.

IT WILL PAY YOU HANDSOMELY TO COME TO NEW ENGLAND WHERE CATTLE PRICES ARE MUCH MORE ATTRACTIVE FOR THE BUYER.

5 P.M.

235 acre farm sells (see next issue for details or call or write today for listing).

Auctioneers: A. Bruce Whittier
Hadley, Mass. N.H. AU Lic. #2358

ASSISTING AUCTIONEER AND FOR FURTHER INFORMATION IN PENNSYLVANIA CONTACT PAUL SNYDER, EPHRATA, PA. 717-733-7052.
Contact Sale Managers for catalog.

Sale Managed by:
PIONEER VALLEY SALES & SERVICE
Box 779, Hadley, Mass. 01035
Alan Lilly
413-586-1175
A. Bruce Whittier

Owners: WILLIAM PICKARD & JOE WINSTEN

Walpole, New Hampshire
603-756-4844

Public Auction Register

SAT. MAY 23 - 7PM 120 Head Feeder Cattle. 7 mis. S. of Carlisle, PA, on Rt. 11 or 3½ mis. N. off I-81 at Newville interchange on Rt. 11, 2 mis. E. of Stone House Rd. Lewis R. Fink. Robert C. Mullendore, Auct.

SAT., SUN., MON MAY 23, 24, 25 - Atlantic National Angus Show (less than 1 hour from Mar Lee), Maryland State Fairgrounds. Timonium, MD. Sponsored by MD Angus Assn. Dr. Lee Miller, Sale Chairman. Col. Mike Jones, Auct.

MON. MAY 25 - 8:30AM Historical Society of the Cocalico Valley's 22nd Annual Memorial Day Benefit Auction of Antiques, Primitives, Fraktur, Textiles, Prints & Ephemera. Located Denver Fire Hall, 425 Locust St., Denver, Lanc. Co., PA. T. Glenn & Timothy G. Horst, Aucts.

MON. MAY 25 - 9AM Real Estate, Antiques, Collectibles, HH, Farmall M Tractor, etc. Estate of Elmer P. Ditty. Village of Rife, PA, between Millersburg & Elizabethville, approx. ¼ mi. N. of Rt. 209, along Rife Rd. Dockey, Dockey & Deppen, Aucts.

MON. MAY 25 - 9AM Consignment Sale of Farm Eq. From I-81 S. of Martinsburg, West Virginia, take Exit #5 (Inwood), WV, Rt. 51 E approx. 3½ mis. to Shutss Cash Grocery (Formerly Haines') turn right, .2 of mi. to sale. Edgar A. Bohrer, Sale Mgr.

MON. MAY 25 - 10AM 19 Acres Real Estate, Antiques, HH. Along Staver Orchard Rd., Brecknock Twp., Lanc. Co. From turnpike take Rt. 272 N. to 2nd red light turn right onto Willow St. Proceed to Staver Orchard Rd. at Adamstown Rod & & Gun Club. Terms by: Bessie F. High. H.H. Leid Auct. Serv.

TUES. MAY 26 - 4:30PM HH, Tractor, Truck. Del Ray Drive, Dutchfield Estates, Akron, PA. By: John B. Landis. T. Glenn & Timothy G. Horst, Aucts.

WED. MAY 26 - 4PM Tractors, Trucks, Combines, Nice Trucks. Gumboro Rd. at Y, Selbyville, DE. Gerald Wayne & Patsy H. Evans, Owners. Peter Richardson Auct. Sales.

WED. MAY 27 - 11AM 103 Acre Farm, Farm Eq., Hand Tools. Village of Conestoga, PA, Conestoga Twp., Lanc. Co., PA. On W. Main St., road leading from Conestoga to Safe Harbor. By: Mrs. Norman M. Good Howard Shaub, Auct.

WED. MAY 27 - 4:30PM Antiques, Collectibles, Farm Toys. Corner of Pool Rd. & Tobacco Rd., West Earl Twp., Lanc. Co., PA. By: John S. & Nora Martin. T. Glenn & Timothy G. Horst, Aucts.

THURS. MAY 28 - 1PM 4 Tracts of Good Real Estate along Kirks Mill Rd., Nottingham, PA, between Brown Rd. & King Penn Rd., Little Britain Twp. For: Charles H. Craig, Jr. J. Omar Landis Auct. Serv. Jay M. Witman.

THURS. MAY 28 - 5:30PM Win-Kit Inventory Reduction Sale of Windows, Doors, Stains, Glues. Along Rt. 897, Reinholds, Lanc. Co., PA. T. Glenn & Timothy G. Horst, Aucts.

THURS. MAY 28 - 5:30PM Liquidation of Garage & Automotive Eq. #228-230 S. 3rd. Street, Oxford, PA. Stabler Chev. Bldg.-- Formerly Walton Chev. From Rt. 1 by-pass take Rt. 10 exit into Oxford. Follow through (2) red lights ½ block to sale. Whiteside Auct. Service

WED. THURS. FRI. MAY 27, 28, 29 - Large 3 Day Sale of Farm Eq at Marion, PA. Ralph W. Horst, Manager.

FRI. MAY 29 - 9:30AM Cranes, Trucks, Trailers, Vans, Fabrication, Welding Eq. Bruce Industrial, Wilmington, DE. Vilsmeier Auct. Co. Inc.

GOOD'S AUCTION

111 North Maple Ave., Leola, PA 17540
HAY, STRAW, GRAIN SALES
Every Wed. at 12:00 Noon
FARM MACHINERY SALES
First & Third Wed. of Each Month
Feb. Thru June
TOOLS & HARDWARE at 9:00 A.M.
LAWN & GARDEN at 12:00 Noon.
LUMBER & BUILDING MATERIAL at 11:00.

NO OUT OF STATE CHECKS.
NO HOUSEHOLD ITEMS.
NO JUNK.

CLOSED SATURDAYS

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA
Ph. 717-656-9558

A.H.000014-L

PUBLIC AUCTION

OF VALUABLE 2-STORY FRAME CABIN SITUATED ON 2 ACRES OF WOODLAND

SATURDAY, MAY 23, 1987

AUCTION TIME: 1:00 P.M.

LOCATED: IN THE VILLAGE OF WHARTON, PA. In the Southwest Corner of Potter Co. just off Rt. 872 from Sinnemahoning to Coudersport, Pa.

DIRECTIONS: From the Wharton Store and Hotel, take Legislative Rt. 52011 leading to Cherry Springs. Property is located on right-hand side.

This Real Estate known as 2-Hi Camp, recorded in Potter Co. Deed Book Vol. 209, Page 469, with a Registered Legal Survey. Situated on 2.052 Acres of Woodland with plenty of ferns, Hemlocks, mature shade trees. Having a beautiful scenic picturesque mountain view, next to a rustling trout stream with complete seclusion, easily accessible. This 2-story frame cabin with kitchen, living, sitting areas, 3 bedrooms, bathroom.

Kitchen having built-in wooden cabinets, corner cupboard, LP. gas & coal combination stove, refrigerator, small appliances, kitchen related items, complete with pots, pans, silverware, everyday dishes.

Living room with clothes rack, TV, tables, (2) sofa hide-a-beds.

Sitting room with tables & chairs, gun racks, and small tool storage area.

(3) bedrooms with (6) double bunk beds, pillows, bedding, odd chairs.

Bathroom carpeted, consists of an electric humous toilet, 36x36 shower.

Other features are: A drilled well w½ Hp. submersible pump w/pressure tank.

100 Amp. service 220 volt electric.

Heated by a kerosene Quaker space heater w/275 gallon tank (filled).

Inlaid linoleum throughout the 1st floor.

Paneling throughout the 2nd floor.

This Property Is Located:

Approx. 400 feet from the Wharton Store & Hotel along the road leading to Cherry Springs.

Approx. 500 yards from the West Branch & East Fork of the Sinnemahoning Creek (where Potter Co. 2 best known trout streams meet).

Approx. 15 miles from Cherry Springs State Park (where the Annual Woodsman's Carnival is held).

Approx. 9 miles from Sinnemahoning State Park located along Legislative Rt. 872.

This is definitely a Sportsman's Paradise with plenty of turkey, black squirrel, deer, bear. Sportsmen, this is an opportunity that you can't afford to pass up. This property is to be sold in its complete entirety. Immediate possession or upon final settlement.

Inspection of Real Estate: Friday, May 22, 8:00 a.m.-8:00 p.m. Saturday, May 23, 8:00 A.M. till Auction Time.

TERMS: 15% Down Day of Auction, Balance Due within 45 Days.

Auction For:

JAMES A. & BETTY S. LENTZ

ATTORNEYS: Duvall & Duvall
John A. Duvall

Auction Conducted By The:
J. Omar Landis Auction Service
Jay M. Witman AU001127-L
Box 501, Apple & Robert Streets
Ephrata, Pa. 17522
(717) 733-7917 Or 665-5735

Dairy and Livestock Sales

Public Auction Register

FRI. & SAT. MAY 29 & 30 - 5:30PM & 9AM Respectively. Tools, Guns, Antiques, HH. Take Rt. 272 S. of Lancaster, PA, approx. 17 mis. Just 2½ mis. S. of the Buck. Left on Cardinal Drive 3rd place on left. Terms by: Alta Strawser & George Eager. Kreider & Kline Auct. Serv.

SAT. MAY 30 - 9AM Antiques, Collectibles, Music Boxes, Clocks, Tools. Farmersville Fire Hall along E. Farmersville Rd., Farmersville, Lanc Co., PA. Terms by: Eugene & Kathryn Zerbe. T. Glenn Horst, Aucts.

SAT. MAY 30 - 9AM Antiques, HH, Gasoline Engine. Mt. Venus Rd. No. 1, 1 mi. E. of the Mason & Dixon line or ½ mi. off Rt. 30, take 2nd road on left Mt. Venus Rd. No. 2 to sale, or about 9 mis. SE of Hanover, PA. Harold C. Muth. Maurice W Wentz & Stewart K. Wisner, Aucts.

SAT. MAY 30 - 9:30AM Antiques, Tools At intersection of Rts. 283 and 72, just W. of Lancaster along Rt. 72 at 1531 Manheim Pike, Lancaster, PA. For: C.E. Keener Est. Wolgemuth, Aucts.

SAT. MAY 30 - 9:30AM Line Eq., Trucks, Cars, Construction Material & Supplies. Philadelphia Electric Co., Norristown, PA. Vilsmeier Auct Co Inc.

SAT. MAY 30 - 9:30AM Produce Stand Eq., Vegetable Farm Eq., Antiques, Guns. 10015 Bird River Rd., Baltimore, MD. White Marsh Area. For: Leo Rohe Blaine N. Rentzel, Auct.

PUBLIC AUCTION

SATURDAY, MAY 23, 1987 at 9:00 A.M.

ANTIQUE CARS - ANTIQUE PARTS - TOOLS - MISCELLANEOUS CONSTRUCTION EQUIPMENT

216 NORTH MAIN STREET (REAR)
JACOBUS, PA 17407

LOCATED: Exit 4 Off I-83, South on 111, 10 Miles North of Maryland Line.

ANTIQUE AUTOS

1929 Model AA Truck - stakebody, restorable; 1931 Model AA Truck - long wheel base, restorable; 1931 Model A Ford Pick-up - restorable; 1941 Packard Clipper - solid orig. cond., runs very well; 1920 Model T Touring - apart, restorable; 1931 Model AA Truck - for parts; 1964 XKE Jaguar - for parts, no drive train; Model T Frame w/ Suspension and Motor; 3 Model A Frames - 2 w/ suspension; 1971 VW Station Wagon - runs well.

ANTIQUE AUTO PARTS

48 Buick Engine - as is, 2 Model T Ford Pick-up Beds, Model A Fenders, Hoods, Doors, Gas Tanks, Head Lights, Radiators, Grills, Truck Racks, Exhausts, Coils, Carburetor, Distributer, Bumper and Horns, Starters, 2 Engines (complete) and Transmissions, Wheels, Tires, '37-'36 Ford Steering Column, 1920's Cylinder Reboring Tool - like new in oak box, Auto Trunk, 26 Packard Head, Radiator and Shell, Hood Ornaments, Moto Milers, Exhaust Whistle, Luggage Racks, Misc. Headlights, Late 30's Ford Truck Grill, 1 Pr. Windwings, Taillights, Model T Gas Tanks, Headlight Lenses, Detroit Lubricator Carburetor, Shop Manuals, Old Antique Car Magazines, Gasket Sets, Truck Mirrors, New Old Stock Seat Covers, Large Air Horn, 1 Set Corvair Wire Hubcaps, Approx. 100 NOS 30's and 40's Fuel and Water Pumps, NOS Timing Chains, 20 - V8 Ford Heads (new), '26 Chev. Headlights, Wheels, Misc. Antique License Plates, Radiator Caps, Spark Plugs (Universal, AC, Lion, Autolite, Victor), NOS Engine Bearings, Early Desota Chrome Headlights, Misc. Fan Belts, 3 NOS GM Heads, Suspension Parts, V8 Ford King Bolt Sets, Door Handles, Head Gaskets, 64 XKE Transmission, Misc. 30's Headlights, 5 XKE Chrome Wire Wheels w/ Tires and Knockoffs, 4 - 50's Cadillac Chrome Wire Wheels, 5 Buick Skylark Chrome Wire Wheels w/ Caps.

TOOLS AND CONSTRUCTION EQUIPMENT

Onan 1500 w/ Electric Generator, 2 - 300 Gal. Tanks w/ Pumps, Misc. Plumbing Supplies, Hydraulic Cylinder, 10 Ft. Utility Trailer, 20 New Storm Doors and Windows, 14' HD Dual Axle Equip. Trailer w/ Winch, Small Backhoe Bucket, Concrete Buggy, Wacker Tamper, Pr. HD Axles w/ Tires, Sandblaster, Misc. Roofing Materials, 3 Barco Tampers, Drencher - 4 Wheel Drive, 4 Cyl., Air Cooled w/ Blade (good running cond.), 6 Drums New Motor Oil, Drums Grease, HD Hand Truck, Misc. Suspended Ceiling Panels and Track, Range Hood, 2 Ton Chain Hoist, 2 HP Compressor, Linde Welder w/ Rods and Helmet, 30 Ton Shop Press, Engine Crane, Lg. Metal Cutoff Band Saw, Electric Motors, 1 Ton Electric Hoist, Lg. Pipe Wrenches, Asst. Paint Spray Guns, Flat Belt Drive Drill Press, Modern Drill Press, Acetylene Outfit w/ Tanks and Rights, Gauges and Hose, Jack Stands, 1 Roll Mig Welding Wire, Retractable Air and Grease Hose Rollers, V Pullies, Jumper Cables, Misc. Air Hoses and Extension Cords, Hydraulic Jacks, Small Portable Air Compressors, Bridgeport Milling Machine Vise, Battery Charger, Lg. Vise, Machinists Tool Box, 2 Jack Hammers w/ Bits, Insect Fogger, Transet w/ Tripod, Skilroto Hammer w/ Bits, ¾ HP Bench Grinder, Pin Striper, Electric Impact Wrench, Jig Saw, Electric Drills, New Air Sander, Power Saws, Adding Machines, Gas Weed Trimmer, Elec. Chain Saw, Elec. Hedge Trimmers, 2 Surface Grinders and Polishers, 2 New ¾" Drive Socket Sets, Wrenches and Sockets, Misc. Hand Tools, 2 Pipe Vises, Axes, Picks, 2 Tractor Seats, Lg. Asst. Chains, Chain Binders, Comealongs, Tool Boxes, Roots Blower from 4 Cyl. GMC Diesel, Grease Guns, Torque Wrench, Pipe Cutter, Antique Soldering Irons, Misc. Electrical Supplies, New Door Knob Sets, Roofing Nails, Trench Marker Tape, Flashing, Misc. Parts, Cabinets and Shelves, Air Wrench, 3 Sets Emergency Reflectors, Salamander, Mason's Tools, House Jacks, Socket Sets, Taps, Dies, Drill Bits.

MISCELLANEOUS

3 Chain Saws, 1 Weed Whip, Cast Iron Wood Stove, 2 Porcelain Sinks, Log Ring, Fireplace Grate, Stainless Steel Double Sink, Lawn Boy Mower, Antique Grind Stone, Gas Space Heater, Steel Shelving, Garden Tiller, Camp Stove and Cooler, 17' Boat and Trailer w/ 40 HP Evenrude Outboard Motor, Wood Cut-off Saw, Truck Tire Spreader, Riding Lawn Mower, Pick-up Truck Tool Box, Rubber Tired Wheel Barrow, 80 Rod Roll Barbed Wire, Lg. Scrap Iron Pile, Antique Garden Seeder, 2 Scythes w/ Extra Blades, Fire Extinguishers, Nuts, Bolts, Fasteners, Antique Electric Boat Motor, Antique Avon Car Bottles, Replica Pistols, CB Radios, Collection of 8-Track Country Music Tapes, Fishing Equip., New Intercoms, Fireplace Set, Antique Wood Bed, Sewing Machine, Tape Decks, Vacuum Cleaner, 24 Blue Grass Tapes, Lg. Pile Batteries, Garage Doors, Antique Water Pump, Gas Floor Furnace, Helper Springs, 4 Rolls Corform Imitation Leather, 50,000 BTU Gas Space Heater, Window Fans, New Anderson Casement Window, Antique Fire Engine Siren and Light, and Etc.

NOTE: Mr. Hammers collected antique cars and parts for 25 years and seldom threw anything away.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY

ESTATE OF: CHARLES E. HAMMERS
EXECUTOR: JEFFREY C. HAMMERS
(717) 428-2175

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

PUBLIC SALE

OF
Very Nice
Real Estate
(103 Acre Farm)
Old Log House & Frame Barn
J.D. 440- Crawler, Ford 2600 Dsl.
1983 Chev. Truck, Farm Equipt. & Hand Tools

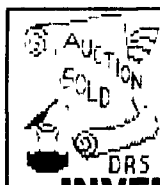
WED., MAY 27, 1987
AT 11:00 A.M.

Loc: Village of Conestoga, Pa. Conestoga Twp., Lancaster Co., Pa. (On West Main Street, road leading from Conestoga to Safe Harbor)

Property will be open for inspection - Sat's May 9, 16, 23 from 10:00 A.M. until 12:00 Noon. Real Estate to be sold at 1:00 P M.

Sale by
MRS. NORMAN M. GOOD

Edgar R. Barnes, Jr., Attorney
Howard Shaub 464-3541
Auctioneer (AU-000831-L)



ABSOLUTE PUBLIC AUCTION

INVENTORY REDUCTION VALUABLE LUMBER, ETC.

SAT., JUNE 6, 1987 AT 10:00 A.M.

HOOVER'S SAWMILL

On Prospect Rd., between Freysville and Yorkana, York Co., PA.

Various Boards and Lots of Board Lumber as follows -- Oak, Maple, Poplar Birch, Walnut Cherry Locust Hackberry Sycamore Pine Hemlock (Approx 30,000 board feet of lumber)

Two - UD 18 International Powerunits, 1 Edger

Three - Wood Spitters; Numerous Chain Saws

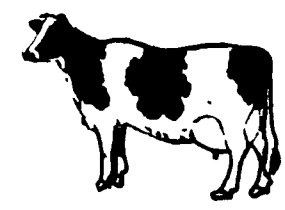
Fire Wood -- Cut or Various Lengths

48" Hoe Saw, two blowers, two line shafts (approx 10 ft and 20 ft. lengths), two fuel tanks (275 gal.), truck saddle gas tanks, 20" truck rims and 20" tire casings, seven 20 ft lengths of plastic well pipe and miscellaneous items

Not Responsible For Accidents
On Day Of Auction
Refreshments Available
TERMS Cash or Approved Check

ROBERT P. HOOVER, Owner
717-246-1786
Dale R. Saxman, Auctioneer
AU-002361-L
717-927-6836
AUCTIONEERING IS "D" "BID"NESS

DELRIVIEW FARM- REG. BROWN SWISS AUCTION



86 Hd Mostly Reg.- 42 Hd Sell Safe In Calf!

THURSDAY, MAY 21, 1987

at 12 NOON

For Delriview Farm on Rt. 621-N the P.burg-Brainards Rd (River Rd), 4 mi N. of PHILLIPSBURG, N.J. From Rt. 78 use 1st exit of Easton Bridge (N.J. Side) take North Main Str. under bridge to J.T. Baker Co., turn right go to T, turn left on Rt. 621-N (River Rd) to farm. From Rt. 519 Harmony, N.J. turn by school on to Marble Hill Rd to River Rd, N. to farm. Arrows.

12 NOON - 86 HD - 78 hd are Brown Swiss (mostly Reg.)- 8 Holsteins cows. 52 hd in the milk row w/44 Brown Swiss. Some fresh - 34 hd due May thru Dec. 8 Big fancy Swiss bred hfrs due Aug. 8 Big fancy Swiss hfrs ready to breed. 4 fancy Swiss yearlings and 8 Swiss from 6 to 8 mos. old. 4 Swiss started calves. 2 Swiss Service age bulls by Oak Forest Jubelation and Harrishill Tom Jones.

SIRES REP - White Cloud Doreens Delegate, Oak Forest Jubelation, Oak Forest Jake, Top Acres-Modern Galaxy and SV Emperor, EE Beautician King, Trout Run Distinct Blend, Holler Hill Jet Stream, Reward, Select, plus others. **SERVICE SIRES REP**- Vindebona Rosalie Royce, Oak Forest Jake, Top Acres Datson, plus others. 30 Day T.B. and Blood Tested for Interstate Shipment. Mostly all calfhood Vacc! Pregnancy examined!

NOTE- Cows are presently under a low protein moderate feeding program - never pushed! Lots of room for production advancement! You'll find A Super group of outstanding heifers here! Plus Cow Families! A owner operated dairy! Selling in a non farm area! Farm Sold! Plan to Attend this exciting Sale! Lunch! TERMS- Cash or Good Check w/proper I.D. Full Settlement Sale Day!

OWNER-
RAYMOND CANTI
201-859-1314

PEDIGREES BY: WAYNE SLIKER
St. Paris, Ohio
AUCTIONEERING BY: MEL MANASSE
Whitney Point, N.Y.

SALE MANAGED BY:

COL. FRED R. DANIEL AUCTIONEERS INC.
BOX 151 NESHANIC STA., N.J. 201-369-4784
(A Full Service Auction Company)

SEVENTH ANNUAL SPRING

DAIRY HEIFER AUCTION

FRIDAY, MAY 22, 1987 - 11:00 A.M.

Ulysses, Potter Co., Pa.

Located on the Loucks Mills Road. Follow arrows from Main St., Route 49 or from US Route 6, follow the "Ulysses-Loucks Mills" sign 5 miles West of Galeton, Pa.

85 INTERSTATE TESTED HOLSTEIN HEIFERS 85

13 Registered Sires include Curtmaid Astronaut Dixie, Spirit, Forecaster, Wiseman, Troy, Chairman, Elstan and an own daughter of Rockdale President from a GP 3 yr old dam, Second dam Ex in Canada with 111158 4 8f lifetime, 3rd and 4th Dam both GP in Canada with over 100 000 4 8 and 4 3f She is due 7 4 to Kirk Boy!

Registered heifers sold with full pedigrees

Also 47 Grade heifers, mostly vaccinated and raised here as calves Due June July and Aug Mostly 26 28 mo and average 1200# and are free stall grown 10 from one herd in Canada

Bulls 1 14 mo Jersey 2 yearling Reg Holsteins 1 Spirit from a G P Harrisburg Gay Ideal, Ansdale Extra ETHAN RED dam G P Triple Threat

BAILEY VIEW FARM
JERRY PIRRUNG & SONS, OWNER

Also 24 Grade Heifers from Thundermountain Ranch due June July and August Some of these are smaller, common heifers that can use some green grass and creek water The kind that do better wherever they go

Thundermountain Ranch, Roulette, Pa. Owners

SALE MANAGERS NOTE· This is our biggest sale of the year and is planned a year in advance to obtain the quality animal that will keep the farmer in business and we need repeat business to keep us in business I think I have more top heifers here than you will find in most groups of 1000! I invite you to look for yourself

TERMS CASH OR GOOD CHECK, LUNCH, TRUCKING ARRANGED

SALE CONDUCTED BY
JERRY PIRRUNG SALES
ULYSSES, PA. 16948
814-848-7421 Lic. # 1646-L

Due To The Supply And Demand For Heifers We Will Sell At

SHADY LANE DAIRY SALES INC.

¼ Mile West Of Quarryville Off Oak Bottom Rd.

FRIDAY MORNING, JUNE 12,

10 O'CLOCK DST

500 HEAD REGISTERED AS WELL AS GRADE HEIFERS

Selling App. 100 Head Small Heifers
App. 100 Head Breeding Age
App. 300 Head Bred And Springing As well as fresh heifers, most all vaccinated. If you have any heifers to sell or consign, please give us a call. All kinds of heifers are in demand.
All consignments more than welcome. Please have all heifers in by 8:30 A.M. Friday Morning. Heifers Accepted Any Time The Week of the 13th of June. Feel free to call us anytime day or nite. All farm fresh heifers on this special sale. No heifers from Johne's herds please. Absolutely no auction heifers accepted. Please have all heifers TB and blood tested within 30 days.

Sale By
SHADY LANE DAIRY SALES INC.
#4 Quarryville, PA
Phone Glenn 1-717-786-2750
Dave 1-717-786-1725 (P.S. We Need Your Heifers)

2000+ SHEEP

SHORT NOTICE — PUBLIC SALE
SHEEP DISPERSAL SALE
WOLGEMUTH BROS., INC.

2000+ SHEEP

SATURDAY, MAY 23, 1987 at 10:00 A.M.
RAIN OR SHINE

Located: Ephrata Area

Directions From Turnpike—
- Exit 20
- Take 72 N to 322 E approximately 10 miles towards Ephrata to first road right past Twin Pine Auto Sales (Wood Corner Rd)
- Go one mile to stop sign at Lincoln Road
- Turn Right onto Lincoln Road to second farm on left

Directions From Lancaster (283)—
- Take 222 N to 272 N to Akron
- Go left at first red light onto Main St., Akron
- Go to third stop sign (approximately three miles)
- Left at stop sign onto Lincoln Road to second farm on left

BREEDING STOCK

—1,000+ Ewes:
Polypays- Registered
Polypays- Listed
Polypays- Grade
Rambouillet
Rambouillet Dorsets
(Includes 130 with lambs at foot)

—200+ Ewe Lambs
—27 Registered Polypay Rams
2 Hampshire Rams
2 Suffolk Rams
2 Dorset Rams
20 Polypay Ram Lambs

FEEDERS

-650 Wether Lambs
150 Suffolk & Hampshire Crossbred Ewe Lambs

All Stock Recently Vaccinated, Wormed, And Sheared With Hooves Trimmed.

EQUIPMENT & SUPPLIES: Fans, self feeders, water tubs, wooden fence panels, 6-200 ft flex augers, Poldenvale portable scales, 25 kw PTO Generator, treated lumber loading chute, misc. equipment, pregnancy tester, drench guns, hoof trimmers, wormer, vaccine, ear tag and tag applicators.

Equipment To Be Sold At 10:00 A.M.

Inspection Of Sheep All Day Wednesday, May 20, Thursday, May 21, And Friday, May 22.
Terms: Cash/Approved Check On Day Of Sale; Nothing Removed Until Settled For. Not Responsible For Accidents.

Food and Refreshments Will Be Served — Contact Us For Overnight Lodging

SALE CONDUCTED BY:
WALTER M. DUNLAP AND SONS
Contact: Ken Smoker 717-397-5136

WOLGEMUTH BROS., INC.
P.O. Box 26, Rheems, Pa. 17570
Contact: Bruce R. Limpert 717-367-1195

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAY 30 - 9:30AM Shop Tools, Guns. Cumberland Co., PA. Traveling Rt. 34 take Rt. 174 E. Turn right onto Petersburg Rd. Follow to sale. By: Selden & Helen Bear. Sensenig Auctioneering.

SAT. MAY 30 - 10AM Consignment Sale of Antique Farm Mach., Tractors, Gas Engines & Parts. Penns Cave Grounds, Centre Hall, Centre Co. 814-692-8738. Nittany Antique Machinery Assn.

SAT. MAY 30 - 10AM HH, Antiques. Along Locust Grove Rd., Manheim, PA. 1 mi. N. of Penryn along Locust Grove Rd. Former Locust Grove School. Just off Mountain Rd. For: Sylvester B. & Mary E. Pierce. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAY 30 - 12 Noon Real Estate. Blue Mountains between Bethel & Pine Grove, PA, 3 mis. off Rt. 501. Samuel M. Ferraro, Auct.

SAT. MAY 30 - 1PM Real Estate. Along Gehmans School Rd. just off Rt. 897 near Shupps Grove, Brecknock Twp., Lanc. Co., PA. By: Allen Brendle. H.H. Leid Auct. Serv.

SUN. MAY 31 - 12:30PM 1st Annual Toy Tractor Auction, Penns Cave Grounds, Centre Hall, PA, Centre Co. Nittany Antique Machinery Assn.

JUNE

WED. JUNE 3 - 10AM Contractors Tools & Accessories, Shop Eq., Welders, Welding Rod, Elec. Motors, Valves, etc. Philadelphia Elec. Co., Chester, PA. Vilsmeier Auct. Co., Inc.

THURS. JUNE 4 - 3PM Antiques, Furniture, Plumbing Tools, Lawn Tractor, Motorcycle, etc. Mrs. Delores E. Inners, 2532 Pine Grove Rd., York, PA. From Rt. I-83 take Exit 4. Go W. on Rt. 182 Leader Heights Rd. about ¼ mi. to Pine Grove Rd. Turn N. and go approx. ¼ mi. to auction on right. Bob & Tom Sechrist, Aucts.

THURS. JUNE 4 - 4PM Antiques, HH, Toys, Coins. 162 E. Church St., Reamstown, PA. Rt. 272 to Reamstown turn E. onto Church St. Terms by: David S. & Arlene Nolt. T. Glenn & Timothy G. Horst, Aucts.

THURS. JUNE 4 - 7PM 2½ story home and 2 story barn. Approx. 10 mis. E. of Lancaster, PA. Turn N. on Belmont Rd. in Leaman Place approx. 1 mi. off Rt. 30 E. Corner of Belmont Road and Londonvale Rd. Isaac F. & Sarah A. Stoltzfus, Owners. Gordon Ressler, Ron Funk, Larry Lefever, Aucts.

FRI. JUNE 5 - 4 Parcels Juniata Co. Real Estate. Southwestern end of county. Long's Auct. Service.

FRI. EVE. JUNE 5 - RD1, Newport, Perry Co., PA Complete dairy herd dispersal. Wayne & Gordon Stephens, Owners. Kling's Auction Service, Sale Mgrs

SAT. MAY 30 & SAT. JUNE 6 - 9:30AM Real Estate, HH, Guns, Hunting & Fishing Eq., Tractor, Car, Motorcycle, Eq. & Tools. Village of Curtin, PA. Elizabethville, PA Approx. 6 mis. E. of Millersburg on Rt. 25 or 3 mis. W. of Berrysburg on Rt. 25, and approx. 35 mis. NE of Harrisburg on Rt. 225 and 147, then Rt. 25. Mrs. Betty Troutman, Owner. Edwin Shoop & David Deibler, Aucts.

10th Annual
PUBLIC AUCTION

Located 7 miles south of Carlisle, PA on Route 11 or 3½ miles north off I-81 at Newville interchange on Route 11, 2 miles east on Stone House Road.

Saturday Evening, May 23, 1987
at 7:00 p.m.

120 Head of Feeder Cattle 120

Consisting of beef type steers and heifers including Charolais, Hereford, Angus, Holstein, Brahma, Limousine Cross and other good cross breeds.

Cattle are all home raised with good quality and weighing approximately 300 to 600 lbs.

Some machinery to be sold on consignment and will be selling first.

Cattle sale held under cover — Loading chute available.

TERMS: Cash or approved check - Not responsible for accidents.

AUCTIONEER: Robert C. Mullendore
PA Lic. #AU-000644L
Boonsboro, MD
Phone 301-582-0546

CLERK: C.L. Metz

LEWIS R. FINK
269 Stone House Rd.
Carlisle, PA
Phone 717-249-3224
LUNCH AVAILABLE

NEW HOLLAND SALES STABLES, INC.

SPECIAL REGISTERED HEIFER SALE

SATURDAY, JUNE 13- 10:00 A.M.

All age Heifers are in demand. Vaccinated animals bring a premium.

Consignors please have animals tested for Inter-State Shipment as we have buyers from several states.

For More Information Contact
Abe Diffenbach, Manager 225L
Barn Phone 717-354-4341 or
Norman Kolb 717-397-5538

REMINDER - Our regular Wednesday Dairy Sale starts at 11:00 A.M.
Heifers and Bulls sell first followed by fresh cows and springers.

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

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232 HOLSTEINS VA MILK BASE, DAIRY EQUIP.

Edge Mont Farm, Bruington, VA
GEORGE R. GRIGGS AND THE ESTATE OF GEORGE R. GRIGGS, JR.
(Herd will be moved to The Homestead Farm in Staunton for the Sale.)

AUCTION - MAY 22ND
Friday - 10:30 A.M.

122 Cows - A Young Herd!
Rolling DHI 17,880m 4 7% 741f
26 Cows over 70 lbs. on last test
44 First Calf Heifers
Projected 305d ME 18,380m 734f
110 HEIFERS (30 Bred)
Dairying for 40 Years
Using Select Sires 30 Years
Including Top Bulls
VA. MILK BASE - DI, Old Dom. Div.
131,208 winter, 120,711 summer
DAIRY EQUIPMENT - NEW NOVEMBER, 1985
2000 Gal. DeLaval Milk Tank,
Della-Therm II Free Heater
Also, 6 DeLaval Auto-Takeoffs

For Detailed Brochure Contact

804-644-LAND
OWNBY AUCTION & REALTY CO. INC.
BROOK ROAD RICHMOND VIRGINIA

Also Selling At Smoketown Quality Dairy Sales
May 22, 1987 at 7:30 P.M. D.S.T.

To be held at Smoketown Quality Dairy Sales, Smoketown, PA., Rte. 340

3 Reg. Heifers From Paul Daniel's of Bucks County

Reg. Sire- Sunny-Craft Chief Spirit- Born 12-31-84.
Due 5-28-87 to Vigo Starlite Elvate.
DAM- Round Oak Electron G.P. 82.
4-9 305 17,030 3.6 621.
5-10 305 16,600 3.9 650.
6-11 304 15,880 3.9 623.
Next Dam- 3 Records Over 4.3%.

2- Reg. Tower-Vue Persuader King- Born 12-26-84 & 2-6-85.
Due 5-29 and 5-28 to Vigo Starlite Elvate.
DAM of Persuader King Bull- V.G. 86- Jr. Champ Bucks Co. Show 1978.
2-4 365 16,985m. 4.3% 738F.
4-8 344 19,748m. 3.7% 743F.
5-9 348 20,581m. 4.0% 815F.

Reg. MD- New- Hopes Rebel Elevation- Born 4-6-82.
Reg. Sire- Dixie Lee Star Hank.
2 yrs. 4m. 305 14,373 4.4 638.
Due 6-7 to Easy Acres Starlite Bachelor.
Dam- Coredale Gaylord- V.G. 86.
3-5 305 16,804 4.3 715.
Grd. Dam V.G. 85- Sire Penstate Starman.
7-2 305 17,665 4.0 711.
Reg. Sire Stepna Chief Sam V.G. 85.
2 yr. 6m. 322 12,760 3.6 452.
Due to Patrick Orchard L-Glen Chad- TPI 687.
Dtrs. Avg. 20,944 735F. +1677.
Dam- Ivanhoe Star V.G. Mammary.
3 yrs. 3m. 305 21,250 666.

3 Reg. Holstein Heifers- All Heifers Are VACC.

#91- Reg. Sire Joludi Elmer Chief- Born 10-7-86.
Dam- Sire- Cavalier.
2-0 305 12,728 3.5 443.
3-2 291 18,368 3.5 636.

#94- Reg. Sire- Carl-A Oakenbound Fred- Born 11-7-86.
Dam- Sire- Sin-Royal Skeeter.
5-5 16,691 654.

#88- Reg. Sire- Exrance Glen- Born 9-6-86.
Dam- Sire- Halo.
4-0 305 17,173 3.5 593.
5-2 305 18,585 549.

5 Grade Heifers- Due Aug., Sept. and Oct. From One Herd Dispersal Bred To Sire Power Bulls

Reg. Holstein Bull-
Sire- Lime-Hollow Elevation Mars- Born 1-12-86.
Dam- G.P. 81 4 yr. 1m. 276 20,460 4.0 818.
5 yr. 1m. 271 18,008 4.0 727.
Next Dam 2 Records Over 3.8%.

2 Grade Holstein Bulls

#18- Sire Shade Acres Elevation Frosty- Born 3-22-86.
Dam 1st Lact. 305 19,369 660.
2nd Lact. 305 24,104 792.

#16- Sire- Arlinda Cinnamon- Born 3-21-86.
Dam 1st Lact. 305 14,186.
April D.H.I.A. Tested 91 Lbs.

Sale Managed By Smoketown Quality Dairy Sales
Helen & Gordon Fritz **717-393-0930**

Brook-Lynn-Acres Dispersal

Ronald L. Carty And Family

RR2- Box 51 Columbus, NJ 08022 **609-298-4776**

To be held at Smoketown Quality Dairy Sales, Smoketown, Pa., Rte. 340.

FRIDAY, MAY 22, 1987 AT 7:30 P.M. D.S.T.

51 Cows- 56 Bred Heifers- 5 Fancy Reg. Calves, 1 Born 6/86 & 4 Born 9/86 Herd Avg. 20,020M. 3.5 700F.
80 Registered, 32 Grades, Average Age Of Herd- 51 Months
10 In May, 14 In June, 13 In July, 14 In Aug., 15 In Sept., 7 In. Oct., 8 In Nov., 16 In Dec.
21- From VG or Ex. Dams. Dams Records To 29,000 Milk And To 1,147 Fat.
Many Records Over 22,000, Some To 30,000 Milk.
Projections Up To 31,700 Milk & 1087 Fat. Only 3 Cows Projected Under 20,000.

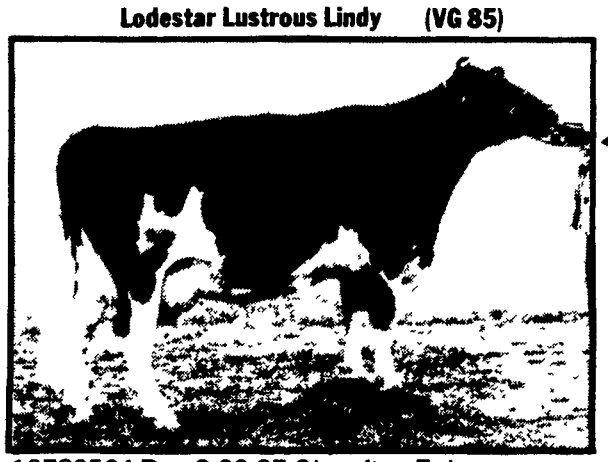
Sires Represented

Valiant	Enhancer	Bell	Elevation	Gold
Tony	Calypso	Jemini	Chief Stewart	Tempo

Service Sires

16 Valiant	9 Enhancer	3 Bell	1 Gold	7 Steady	2 Elevation
5 Mark	9 Mandingo	2 Memorial	5 Court	2 Bachelor	2 Tony

Lodestar Lustrous Lindy (VG 85)

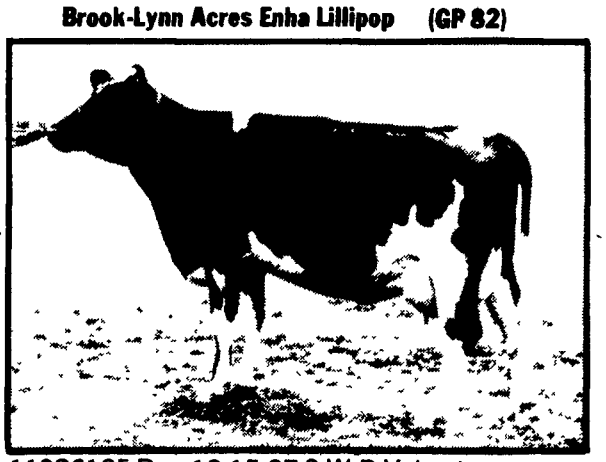


10780524 Due 8-22-87 Glenafton Enhancer.
4-7 313 24,853 3.8 943F.
Dam VG85 23,000 1000F By Arlinda Chief.
Next Dam VG85 By Elevation.
Also Daughter Selling By Roybrook Tempo Due To Valiant 11/6/87.

DAM ←

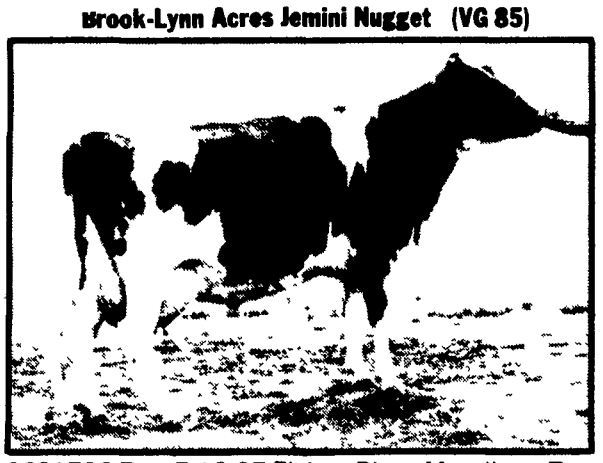
DAUGHTER →

Brook-Lynn Acres Enha Lillipop (GP 82)



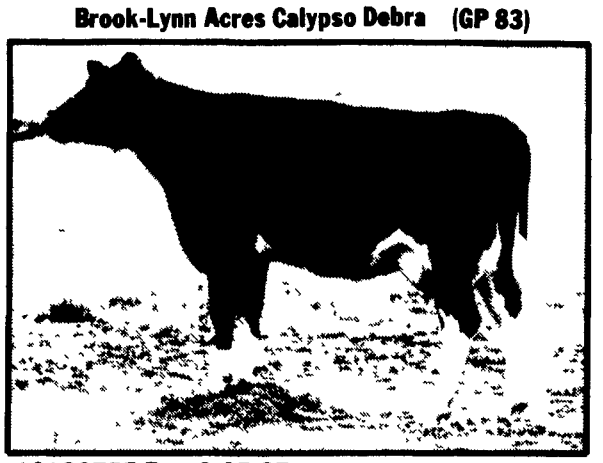
11986125 Due 10-15-87 S-W-D Valiant.
2-1 180 13,922 3.1 428F Incomplete.
Projected 29,539 912F.

Brook-Lynn Acres Jemini Nugget (VG 85)



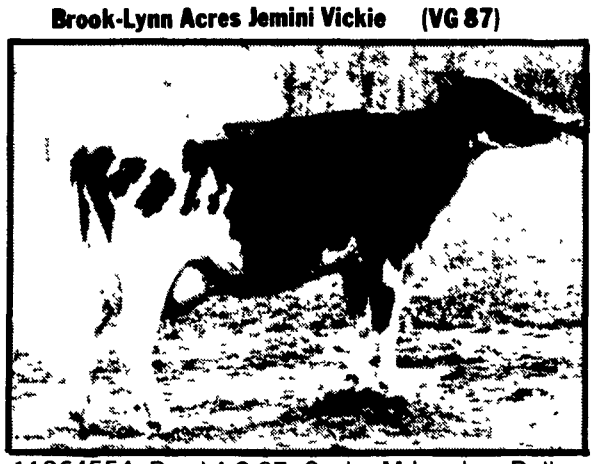
10681706 Due 7-13-87 Fisher-Place Mandingo-Twin.
5-5 288 24,448 3.4 822F.
Incomplete, Projected 26,801 907F.
Next Dam VG 85 7-11 23,330 3.8 892F.
Lifetime 168,000.

Brook-Lynn Acres Calypso Debra (GP 83)



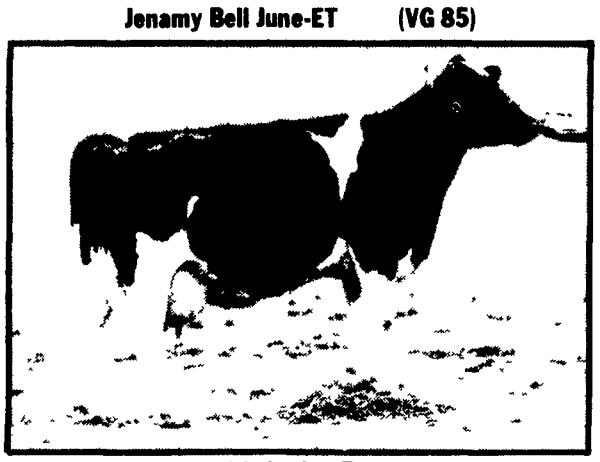
12102757 Due 9-25-87
Round Oak Rag Apple Elevation.
1-11 182D 12,142 3 4 415F Incomplete.
Projected 25,869 879F

Brook-Lynn Acres Jemini Vickie (VG 87)



11064554 Bred 4-3-87 Carlin-M-Ivanhoe Bell
3-8 340 22,280 3.6 810F.
Projected 4-10 25,217 873F.
Dam GP 83 at 2 Yrs. EX MAM.
Grand Dam VG 87

Jenamy Bell June-ET (VG 85)

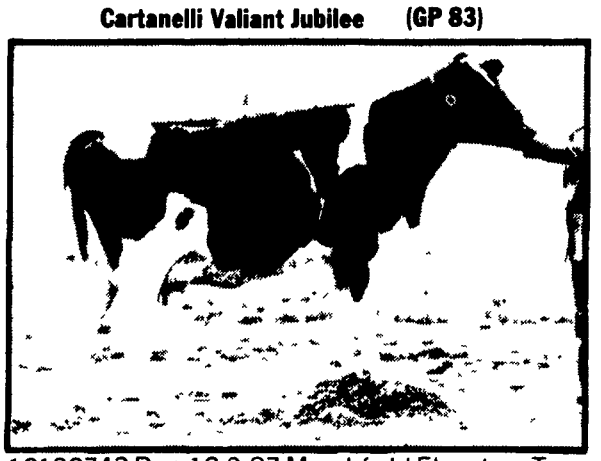


10959586 Due 12/28/87 Tri-Town
Steady Spipper.
4-0 354 26,150 3.3 855F.
Cow Index +950M +25F $93

DAM ←

DAUGHTER →

Cartanelli Valiant Jubilee (GP 83)



12102743 Due 12-9-87 Marshfield Elevation Tony.
1-11 200 10,216 3.9 403F Incomplete
Projected 20,004 818F.
Index +856M +31F $98.

Sale Managed By Smoketown Quality Dairy Sales

Complimentary Buffet From 6 To 7:30 P.M. **Helen & Gordon Fritz** **717-393-0930**

ALBRECHTS DAIRY
Complete Dairy Farm Dispersal
CATTLE FARM MACHINERY CROPS

After 60 years the owners are discontinuing dairy farming We have been authorized to sell on the farm known as Albrecht s Dairy located on Route 44 Pleasant Valley New York

10 30 a m Saturday, May 23 10 30 a m

RAIN OR SHINE

65 HEAD HY GRADE DAIRY COWS & HEIFERS 65

Consisting of 54 cows and bred heifers of milking age of which 20 are bred for May & June Including 12 1st calf heifers Balance of herd bred for year round production 7 heifers breeding age 4 yearlings All sired by eastern bulls This dairy produced milk for retail Herd health clean All tests up to date

TRACTORS 1 CAT 955 2 SILOS BARN CLEANER EAR CORN SILEAGE

Partial listing ncludes Ford 5000 diesel w/select o speed J D 4320 w/cab J D 3020 1 H 706 diesel, Ford 6700 diesel w/3100 hrs , Ford 7000 diesel w/ROPS Cat 955 N H 354 Mixer grinder 1984 N H 474 haybine 1984 N H 311 baler w/kicker N H 256 rolabar rake 2 N H hi side hay wagons Fox 546 chopper w/1 row corn & p u head Fox chopper w/2 row snapperhead & corn head, N H 26 blower J D 4 row corn planter 2 Kilbros gravity wagons on #300 gear A C PTO combine Ford 4 bottom 3 pt plow trailer sprayer 2 Ford side mt mowers, 2 N I 603 forage wagons on N I 8 ton gear, Ford 534 haybine J D 15 flail chopper 6 disc harrow 2 N I 214 manure spreaders 1 w/flail, N H 676 tandem spreader N I 323 corn picker in good condition J D #16 flail steam jenny, stanchion & many other items both large & small too numerous to mention

NEW MACHINERY

3 pt post hole digger 3 pt dirt scoop 3 pt 6 & 7 scraper blade 3 pt 6 boom 11 ft 3 pt 5 rotary mower

SILOS CROPS 2 BARN CLEANERS DAIRY EQUIPMENT

Harder 18 x 50 silo Harder 16 x 50 silo Patz 18 unloader Badger 16 unloader 16 Vandale & 1 12 ft Vandale unloader Patz counter clockwise barn cleaner w/150± ft chain w/chute & motor Jamesway shuttle stroke barn cleaner, DeLaval 250 1½ glass pipeline w/2 vac line 200± ft DeLaval stainless steel pipeline DeLaval 6 unit milker pump & motor Gerton 600 gal bulk tank w/compressor 18 drinking bowls mineral feeders water tubs 1500 gallon milk tank

CROPS

Approximately 150± tons ear corn to be sold in 5 lots 16 x 50 silo ½ full of corn and hayleage

TERMS OF SALE Cash or good check day of sale New buyers must have a bank letter

D. LUTHER
Auctioneer - Sales Manager
Amenia, New York
914 373-9900/9215
NYS Toll Free 1 800 D LUTHER USA Toll Free 1 800 372 0099

Sale by Order of
Albrecht s Dairy
Pleasant Valley New York

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JUNE 5 - 10AM Shop, Garage & Yard Tools. Spring Garden along 897 between Rt. 322 and Rt. 340, Lancaster Co., PA. Terms by: Melbourne J & Joan B. Hicks. Robert E. & Jeffrey R. Martin, Aucts.

SAT. JUNE 6 - 9AM Farm Equipment & Tools, HH, Antiques, Collectibles Along Rt. 25 between Gratz and Spring Glen in Upper Dauphin Co., PA. Estate of Bertha T. Zimmerman. Mike & George Deibert, Aucts.

SAT. JUNE 6 - 9AM Antiques, HH. 71 Rose Ave., Leola, PA. Just N. of the Fulton Bank Building. Midway between Lancaster & New Holland. Lanc. Co., PA. Mrs. Charles P. Ranck, Owner. Diffenbach Auctioneers.

SAT. JUNE 6 - 9AM Real Estate, HH, Antiques, Greenhouse, Supplies, Truck, Tractor, Vans, Car, Camper. S. of Mellinger's Mennonite Church. Turn off Lincoln Hwy. East on Strasburg Pike, 1 block turn right on Millport Rd. to 1926 Millport Rd., E. Lampeter Twp., Lanc. Co., PA. Terms by: Allon H., Raymond H. & David H. Lefever. Robert E. & Jeffrey R. Martin, Aucts. Frank L. Steller.

SAT. JUNE 6 - 9AM HH Furnishings, Antiques, HH Goods, Guns. 1085 Main St., Rt. 23, Blue Ball, Lanc. Co., PA. Terms by: Arthur E. & Mary Rinier. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 6 - 9:30AM Rubber Tired Dozer, Bucket Trucks, Trenchers, Knuckleboom & Dump Trucks, Vehicles. Consumers Power Co. of MI, Charlotte, Michigan. Vilsmeier Auct. Co., Inc.

SAT. JUNE 6 - 10AM Inventory Reduction of Valuable Lumber, etc. Hoover's Sawmill, Prospect Rd., between Freysville & Yorkana, York Co., PA. Robert P. Hoover, Owner. Dale R. Saxman, Auct.

SAT. JUNE 6 - 10AM Farm Implements, HH, Personal Property, Antiques. Located along Boulder Hill Rd., 1½ mis. NE of Bowmansville, ½ mi. off Rt. 625 in Brecknock Twp., Lanc. Co. Terms by: Irene E. Hersh. LeRoy S Horst, Auct.

SAT. JUNE 6 - 10AM Garage Equipment. Rt. 272, 6 mis. S. of Lancaster to C.G. McClune's Garage, or 3 mis. N. of the Buck. Terms by: R. Virginia Herr & Carl G. McClune. Kreider & Kline Auct. Serv.

SAT. JUNE 6 - 10AM Tools, Shop Eq., HH, Furniture. 3617 Birdsville Rd., Davidsonville, Anne Arundel Co., MD. From Rt. 50 take the Davidsonville exit (Rt. 424). Follow Rt. 424 S. app. 5 mis. Jack Bernstein, Owner. Remsburg Sale Service.

SAT. JUNE 6 - 10AM Garage Equipment. Rt. 272, 6 mis. S. of Lancaster to C.G. McClune's Garage or 3 mis. N. of the Buck. Terms by: R. Virginia Herr & Carl McClune. Kreider & Kline, Aucts.

SAT. JUNE 6 - 10AM Estate of Anna Elizabeth Broomell. Real Estate, Early Pine Antiques, Tiffany-Type Lamps, Fine Victorian & Oak Furn., etc. 601 Market Street, Oxford, PA. From Rt. 1 bypass take Rt. 472 exit into Oxford. Turn leftbat light. Follow 4 blocks to sale. Whiteside Auct. Service.

SAT. & SUN. JUNE 6 & 7 - 10AM & 1PM Respectively. Building Supplies, Shop Eq. & Tools, Tractor, Dump Truck, Appliances, etc. 1301 Macton Road, Street, Harford Co., MD. Buck & Toots Diffendall, Owners. O'Neills Auct. Co.

FRI. JUNE 12 - Antiques, HH. Located North of Gap off Rt. 772, 3 mis. E. of Pequea Valley High School or 5 mis. E. of Intercourse, just S. of Rt. 340. For: Elmer, D. & Bernice E. Lapp. Leon Kurtz & J. Omar Stoltzfus, Aucts.

FRI. JUNE 12 - 10AM D.S.T. 500 Head Registered As Well As Grade Heifers. At Shady Lane Dairy Sales, Inc., ¼ mi. W. of Quarryville, off Oak Bottom Rd. Shady Lane Dairy Sales, Inc.

FRI. JUNE 12 - 1:30PM State Graded Feeder Pig Sale. Grading 7:30 until 11:30AM. Carlisle Livestock Market, Inc., Exit 12 off I-81. 717-249-4511.

FRI. & SAT. JUNE 12 & 13 - 9:30AM Benefit of New Covenant Christian School. Lebanon Area Fairgrounds, SE of Lebanon off Rt. 72, at corner of Cornwall and Rocherty Roads. Terms by: N.C.C.S. Harry H. Bachman, Nelson Ebersole & Jay Witman, Aucts.

SAT. JUNE 13 - 9AM Tools, 1928 Chev. 4 Dr Sdn., 1976 Nova Chev., Tractor, etc. 221 Mennonite Rd., Upper Providence Twp., Montg. Co. Take Collegeville exit off Rt. 422 Expressway. Follow Rt. 29 N. to Mennonite Rd. corner of Providence Mennonite Church. For: Alice Myers. Nelson C. Weidenbaugh, Auct.

SAT. JUNE 13 - 9AM Real Estate, Antiques, Books, Coins, HH. 117 S. Eleventh Street, Sunbury, PA. Dockey, Dockey, Deppen, Aucts.

SAT. JUNE 13 - 9AM HH, Implements, Tools, Antiques. Bonview Drive, Denver, Lanc. Co., PA. Take 3rd Street Denver to Monroe St. Turn left on Monroe St. to Denver swimming pool take drive above Bonview Drive to sale. By: Gene Wenrich. H.H. Leid Auct. Serv.

SAT. JUNE 13 - 9AM Real Estate, Antiques, HH, Cars & Coins. 229 West Main St., Ephrata, PA. Terms by: Erhard & Mabel Haller. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 13 - 9AM HH, Antiques, Automobile, Shop Tools, Lawn & Garden Eq., Real Estate. Cumberland Co., PA. Approx. 1 mi. W. of Carlisle along Rt. 641. By: Homer J. Arnold. Sensenig Auctioneering.

SAT. JUNE 13 - 9:30AM 82 Acre Farm, Antique HH. North Dover, PA, on Rt. 74, 3 mis. to Detter's Mill Rd., turn left, first farm on left. Prudence Seifert & Arthur Gettys, Owners. Blaine N. Rentzel, Auct.

SAT. JUNE 13 - 10AM Registered Heifer Sale at New Holland Sales Stables, Inc., New Holland, PA.

SAT. JUNE 13 - 10AM '60 DeSoto, Ford Truck, Cub Cadet, Antiques, Home Furnishings. Deery Meeting Road, RD2, Cochranville, PA. From intersection of Rt. 926 & Rt. 41, follow Rt. 41 W. approx. 1 mi. to Deery Meeting Rd. Turn right approx. ½ mi. off Rt. 41. 30 mis. from Lancaster. Estate of Maybelle C. Cooper. Whiteside Auct. Serv.

SAT JUNE 13 - 12 Noon 684 Acres, Caroline Co., VA. Estate of Maxey Greg Broaddus, III. Richmond & Fredericksburg less than 4 mis. E. of U.S. Rt. 301, near Bowling Green. Ownby Auct. & Realty Co., Inc.

MON. JUNE 15 - 6PM Real Estate, Personal Property, Farm Mach., Guns, HH. Lower Swatara Twp., just off Rt. 441 at 653 Oberlin Rd. Take Rt. 441 Exit off I-283, past Fire Co. to first private road on right. Farm is last property at end of road. Lewis & Gladys Ritter. Kerry Pae Aucts.

SAT. JUNE 20 - Arnold's 48th Hog Sale at Lebanon Fairgrounds, PA. Harry Bachman, Auct.

SAT. JUNE 20 - 11AM 1926 Cadillac, Antique Furniture, Collectibles, HH, Tools & Lumber. 7 mis. E. of Millersburg, or 2 mis. W. of Berrysburg, along Rt. 25 in village of Curtain. Charles A. Kolva, Owner. Dave Deibler & Ed Shoop, Aucts.

FRI. JUNE 26 - 9AM Farm Eq. at New Holland Sales Stables, Inc., New Holland, PA.

SAT. JUNE 27 - 9AM Collection of Indian Artifacts From Arthur A. Futer Indian Museum. Liberty Fire Hall, 339 East Main St., New Holland, Lanc. Co., PA. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 27 - 9:30AM Bakery Items, Antiques, HH, Misc. Turn off Rt. 254, 1 mi. E. of Washingtonville and 5 mis. W. of Jerseytown, Montour Co. Christ F. & Rebecca S. Lapp, Sellers. Hock's Auct. Serv.

Dairy and Livestock Sales

JULY

FRI. JULY 10 - 1:30PM State Graded Feeder Pig Sale. Grading 7:30 until 11:30AM. Carlisle Livestock Market, Inc., Exit 12 off I-81. 717-249-4511.

FRI. JULY 10 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA.

SAT. JULY 11 - 10AM Real Estate, Farm Machinery, HH, Gun, Musical Instruments, etc. Approx. 12 Imis. E. of Halifax, or 1½ mis. E. of Carsonville, along the State Road to Lykens, Jefferson Twp., Dauphin Co. Turn E. at Upper Dauphin Bank along Rt. 147, proceed to Carsonville, turn N. at hotel, proceed to sale. Vesta N. Kessler, Owner. Ed Shoop & Dave Deibler, Aucts.

FRI. JULY 31 - 9AM Farm Eq. at New Holland Sales Stables, Inc., New Holland, PA.

AUGUST

FRI. AUG. 14 - 1:30PM State Graded Feeder Pig Sale. Grading 7:30 until 11:30AM. Carlisle Livestock Market, Inc., Exit 12 off I-81. 717-249-4511.

SAT. AUG. 15 - 9AM Kutztown Community Fire Co. Consignment Sale. 2 mis. N. of Myerstown at the village of Kutztown on Rt. 645. Henry Brubaker, Chairman. 717-866-2702. Local Aucts.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

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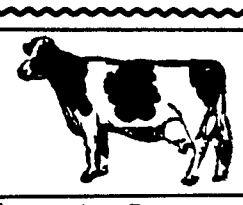
PH 717-786-3016

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, Pa., just off Rt. 23, New Holland.

SPECIAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, MAY 20, 1987
Heifer Sale Starts At 11:00 A.M.

1 TOP LOAD PUREBRED AND GRADE CANADIAN COWS, FRESH AND SPRINGER, CONSIGNED BY LEROY SMUCKER.

- 1 load fresh and springer cows consigned by Norman and David Kolb.
- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh and springer cows consigned by H.D. Matz.
- 1 load fresh cows consigned by Dale Hostetter.
- 1 load fresh cows consigned by Alfred Albright.

For More Information Contact:

Abe Diffenbach
717-354-4341

Norman Kolb
717-397-5538

AN EXCITING ANGUS WEEKEND
MARYLAND NATIONAL ANGUS SALE
and
FIRST ANNUAL ATLANTIC NATIONAL ANGUS SHOW

THE MARYLAND NATIONAL ANGUS SALE
Friday Evening, May 22, 1987 • 6 p.m.
MAR LEE FARMS-WOODSBORO, MD.

ATLANTIC NATIONAL ANGUS SHOW
May 23-25, 1987
(Less than one hour from Mar Lee), Maryland State Fairgrounds
TIMONIUM, MD.

SELLING 40 SELECTED LOTS
Featuring the first get and service at BROADWAY,
1986 All-American Futurity Supreme Champion
1987 National Western Grand Champion Bull
A Number Of Females Sell With Calves At Side Sired By Him.

40 SELECTED FEMALE LOTS

Featuring The Best From Leading angus Breeders In The Eastern Part Of The United States.

FEATURED WILL BE CATTLE FROM THESE LEADING HERDS.

Cedar Hollow
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Michael Davis
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Genetics Unlimited
David Goodling
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House Mountain
Mar Lee Farms
Moreland Farm
Rocky Forge Farm
Strawberry Hill

WHAT A GRAND WAY TO KICK OFF THE ATLANTIC NATIONAL!
PLAN NOW TO ATTEND THESE TWO GREAT EVENTS—

MARYLAND NATIONAL ANGUS SALE
May 22, 1987 • 6 p.m.
MAR LEE FARMS—
WOODSBORO, MD.
For Your Free Reference MARYLAND NATIONAL CATALOG, Address TOM BURKE/DICK BECK, Sale Managers, AMERICAN ANGUS HALL OF FAME at the WORLD ANGUS HEADQUARTERS, Smithville, MO 64089 (816) 532-0811

Atlantic National

ATLANTIC NATIONAL ANGUS SHOW
May 23-25, 1987
Maryland State Fairgrounds
TIMONIUM, MD.
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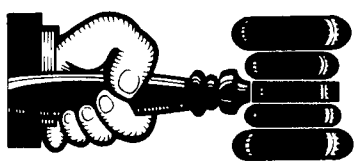
Executive Secretary, Mrs Caryl Vellsek, Woodbine

AUCTIONEER: Col. Mike Jones

SALE CHAIRMAN: Dr. Lee Miller, Woodsboro, MD.



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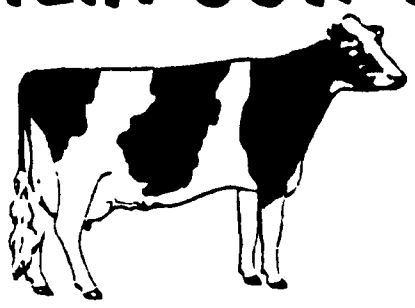
NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

MELVIN KOLB, INC.
HOLSTEIN COW SALE

THURSDAY NIGHT
MAY 21st, 1987
AT 7:30 P.M.



"The Place To Buy Quality Dairy Cows"

LOCATION: At my Maryland Farm, located ½ mile northwest of Woodsboro, Route 550, in Frederick County.

PUREBRED COWS
FRESH GRADE COWS
CLOSE SPRINGING COWS

150 HEAD
HAND-PICKED FOR THIS SALE!
150 HEAD

CLOSE SPRINGING HEIFERS
FRESH GRADE HEIFERS
PUREBRED HEIFERS

We will have many real fancy Purebreds, some classified with good records & pedigrees. There will be several fancy Purebred 1st calf heifers, large in size and of the best quality.

We will have a load of Fresh Fancy Grade Heifers from Maine, a load of Fancy Heavy-Milking Grade Cows from New York, a load of really good Cows & Heifers from New Hampshire & Connecticut, and some nice PA & MD Cows & Heifers!

SPECIAL MENTION

* A 3 yr. SUNNY-CRAFT CHIEF SPIRIT dtr. GP VG Mammary 365 19,353 4.1 786 3.5 668 Prt. just fresh for tester 5/6/87-95 lbs. her Dam VG-85 as 7-04 240 19,151 3.6 698f. Lifetime 108,554 3772. Next dam Mowry IVANHOE PRINCE dam GP83, as 3-03 293 19,300 3.7 720f.
* A 3 yr. WILEEDA CITATION R. dtr. GP-82 just fresh for tester 102 lbs. 5/6/87 as 2-02 303 20,070 3.5 703f. her dam ELEVATION GP-82 6-04 305 27,820 3.7 1033. Next dam 9-11 360d 25,120 3.3 841f. Lifetime 186,750 3.4 6414. 2 Maternal Sisters one 90EX as 4-02 305 29,180 3.9 1124f. Other VG87 as 4-11 324d 23,230 4.1 945f. 3.3 755prt.
* A 4 yr. old SUNVALLEY SENSATION NEIL dtr. GP as 2 yr. will go I think VG 2-01 305 14,121 3.4 474 3.3 461prt. Her dam GEMINI GP-83 as 4-05 365d 27,400 3.4 942f. next dam ELEVATION VG-85 as 6-01 305 23,350 4.2 970f. next dam GP-82 as 806 305d 23,270 3.8 899f Lifetime 126,970 3.9 4897f.
* A 2 yr. old Ca-Lill STANDOUT CAVALIER dtr. due Saletime to GAMBLEN- dam 305d. 24,010m 3.7 877f.
* Nice 4 yr. E-D-FARMS MAPLE CHIEF-RED dtr. (R&W) Fresh sale time.
* A 3 yr. CAL-CLARK BOARD CHAIRMAN dtr. Dam 327d 20,100m 4.0 test 798f Due sale time.
* A 3 yr. WILLOW FARM ROCKMAN IVANHOE dtr. 2-2yrs. 280d 14,898m 3.7 test 552f.
* A 4 yr. CA-LILL STANDOUT CAVALIER dtr. fresh, Dam 279d 20,560m 4.1 test 837f.
* A 5 yr. WILLOW-FARM ROCKMAN IVANHOE dtr. as 4yr. over 20,000 lbs. milk.
* A 3 yr. WAPA ARLINDA CONDUCTOR due 5/28/87 to INTREPID. Dam 305d 28,490 3.5 test 1000f.
* A 5 yr. ROBTHOM ELEVATION GALLANT dtr. due 5/28/87 to APACHE 286d 19,437m 3.5 test 683f. Dam 305d 18,450m 4.3 test 786f.
* 2 yr. old THONYMA ELECTRA dtr. bred 9/27/86 to STEWART. Dam 19,402m 3.7 test 725 fat.
* A 4 yr. ASTRONAUT dtr. 2-3 17,125 595f. Due May 24 to ELVAN.
* Several fancy mixed colored cows.
* SERVICE AGE BULL CARLIN-M IVANHOE BELL Son, Dam VG-88 26,000m 918f. Next dam EX-91 11-04 365d 32,169m 3.8 1226f.

FARMERS

If you need good cows or heifers, please come to this sale -- we will have the kind you are looking for!

FREE FOOD FOR ALL DAIRY FARMERS

DOOR PRIZE
Purebred Heifer Calf
Must be a buyer to be eligible and present to win.

FREE TRANSPORTATION
for Lancaster County Amish.
Please call 717-569-2106 or 717-569-6800 before Noon on Thurs.

Auctioneer: Robert Mullendore AU-000644-L

Pedigrees: Henry Kettering

Sale Managers: Thomas and Mel Kolb

Purina® Maxi-Tech™ brand 40 Milking Concentrate.

The highest-energy, completely balanced protein supplement you can buy.

Why Is Maxi-Tech™ brand 40

A "BEST VALUE" Concentrate?

TAKE A MINUTE TO READ THIS...

Now there's a high-energy concentrate designed especially for dairy producers with the very highest management abilities and production goals. It's Purina® Maxi-Tech™ brand 40, the new milking concentrate that makes the very most of your herd's production.

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One thing that's reduced is the management time involved in your feeding program. All the minerals and vitamins your cows need are included in new Maxi-Tech 40. And for extra performance, NPN has also been included.

So whether you grind and mix or feed a total mixed ration, you can help your cows milk to their limit without draining them with Purina's new Maxi-Tech 40.

Not only that, but new Maxi-Tech 40 helps maintain the milk composition, too. It's able to increase your milk yield without depressing butterfat levels. New Maxi-Tech 40 can really pay off during the stressful early lactation period. Unlike other concentrates, it boosts your cow's milk production — but not at the cow's expense. It keeps her in great shape so she can breed back faster while she's producing to her capacity. Her life-time production is greatly improved. And so is your income potential.

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